



2025
SOLARPUMP SERIES



PRODUCT MANUAL

TAIZHOU EDWIN ELECTRIC CO., LTD

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TAIZHOU EDWIN ELECTRIC CO., LTD

ISO9001:2008 CE GS son



EDWIN PUMP under the company of: GOLDEN FALCON INDUSTRIAL CO., LIMINTED which located in Daxi pump industrial area, Wenling, Zhejiang, China. We provide a wide range of water pumps and water treatment peripheral products to customers around the world. Our factory mainly produces five types of pumps: they are: circulating pumps, deep well pumps, sewage submersible pumps, surface pumps and solar pumps. At the same time, when customers have demand, we also provide customers with other related water treatment products by a professional working team from the company: Taizhou Haipai Import & Export Co., Ltd, the products such as: various water pipes, joints, pressure tanks, control switches and so on. We also assure you good quality, professional service, strict quality control. With a devoted team of highly experienced engineers, a completed procedure of rigorous testing, and a group of professional marketing members, EDWIN has long been recognized by customers,spreading its business worldwide.

EDWIN’s products include more than 40 series, 2000 models, which are applied to a variety of fields, such as agriculture, forestry and irrigation water, living water, industrial water and pumping stations, municipal engineering, building water supply systems and sewage water treatment, etc.

With a vision to serve all customers with high quality products and considerate service , EDWIN has helped many customers become the leaders in their markets.

CEO: Edwina King

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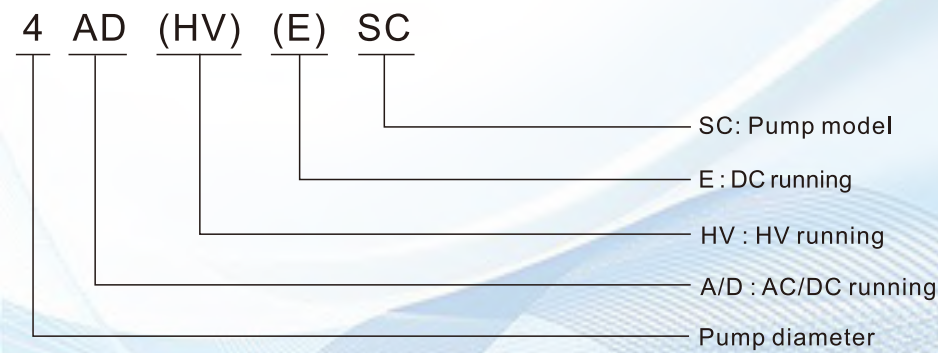
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High speed deep well pump	47
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ADVANTAGE OF DC SOLAR PUMP

- 1. Permanent magnet DC brushless synchronous motor: The efficiency is increased by 15%- 20%, saving energy consumption.
- 2. The whole 304 stainless steel rotor shaft avoids the risk of shaft breakage.
- 3. Brass/Stainless steel outlet/connector/oil cylinder, with better corrosion resistance.
- 4. Japanese NSK bearing, longer working life.
- 5. Double bearing structure at the bottom of rotor, using angular contact bearing, can withstand greater axial pressure.
- 6. Silicon carbide-impregnated graphite mechanical seal, long service life and reliable operation.
- 7. 180°C high temperature resistant copper wire, insulation class F.
- 8. Cold rolled 600 silicon steel sheet stator and rotor.
- 9. The magnet is made of 40SH NdFeb, with a temperature resistance of 150°C.
- 10. 304 S/S pump shaft.
- 11. Controller:
 - (1) Waterproof grade: IP65
 - (2) Wide open circuit voltage range
 - (3) Ambient temperature: -15°C-60°C
 - (4) MPPT function, the solar power utilization rate is higher.
 - (5) LED displays the power, voltage, current, speed etc working condition.
 - (6) It can automatically adjust the speed for operation according to the sunlight power, and can also manually adjust the speed for operation according to the actual demand.
 - (7) Automatic startup and shutdown, without personnel on duty.
 - (8) Soft start: No impulse current, protect the pump motor.
 - (9) Over-voltage/undervoltage/over-current/phase loss/short circuit/water shortage/high temperature protection etc.
- 12. 2 years warranty.

MODEL NAME EXPLANATION



DC SOLAR DEEP WELL PUMP

Environmental protection and energy saving



ENERGY CONSERVATION



ENVIRONMENTAL PROTECTION



HIGH EFFICIENCY



QUALITY ASSURANCE

2EPC
2"DC Brushless solar pump with
plastic impeller



FREE SPARE PARTS



2ESS/3ESS/4ESS
2"/3"/4"DC Brushless screw solar pump



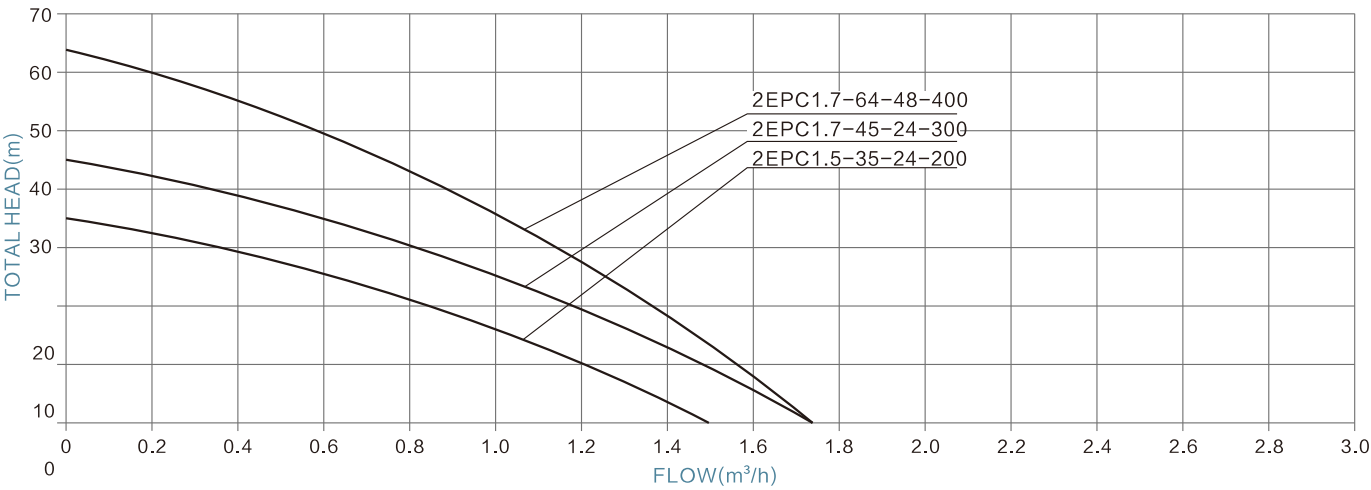
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
2EPC1.5-35-24-200	24V	30V-48V	200W	1.5m³/h	35m	0.75"	2m	<60V	≥1.3*PUMP POWER
2EPC1.7-45-24-300	24V	30V-48V	300W	1.7m³/h	45m	0.75"	2m	<60V	≥1.3*PUMP POWER
2EPC1.7-64-48-400	48V	60V-90V	400W	1.7m³/h	64m	0.75"	2m	<110V	≥1.3*PUMP POWER

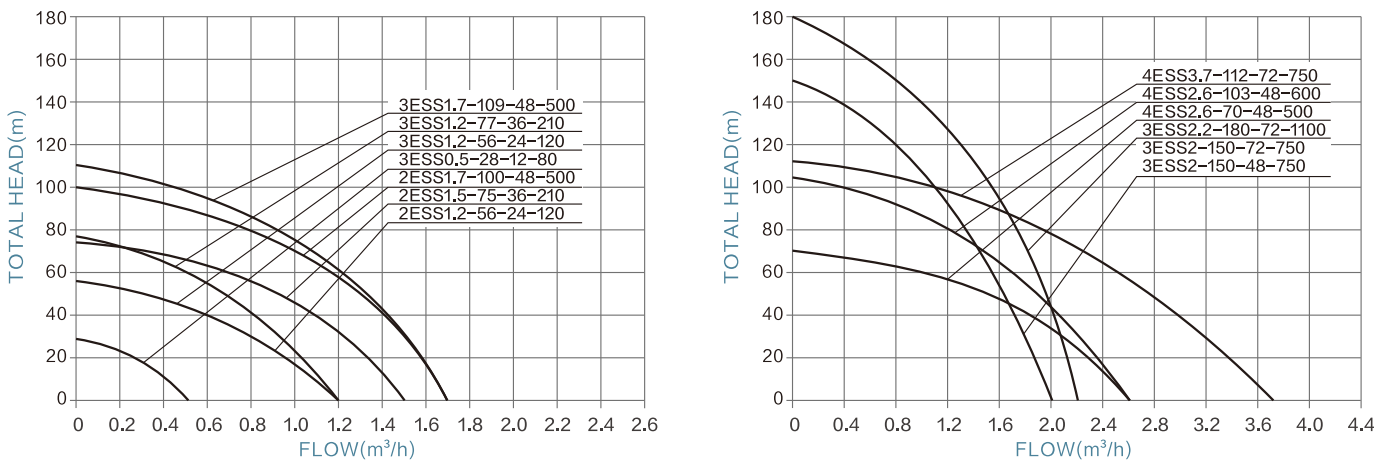
HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
2ESS1.2-56-24-120	24V	30V-48V	120W	1.2m³/h	56m	0.5"	2m	<60V	≥1.3*PUMP POWER
2ESS1.5-75-36-210	36V	30V-48V	210W	1.5m³/h	75m	0.5"	2m	<60V	≥1.3*PUMP POWER
2ESS1.7-100-48-500	48V	60V-90V	500W	1.7m³/h	100m	0.5"	2m	<110V	≥1.3*PUMP POWER
3ESS0.5-28-12-80	12V	30V-48V	80W	0.5m³/h	28m	0.75"	2m	<60V	≥1.3*PUMP POWER
3ESS1.2-56-24-120	24V	30V-48V	120W	1.2m³/h	56m	0.75"	2m	<60V	≥1.3*PUMP POWER
3ESS1.2-77-36-210	36V	30V-48V	210W	1.2m³/h	77m	0.75"	2m	<60V	≥1.3*PUMP POWER
3ESS1.7-109-48-500	48V	60V-90V	500W	1.7m³/h	109m	0.75"	2m	<110V	≥1.3*PUMP POWER
3ESS2-150-48-750	48V	60V-90V	750W	2m³/h	150m	0.75"	2m	<110V	≥1.3*PUMP POWER
3ESS2-150-72-750	72V	90V-120V	750W	2m³/h	150m	0.75"	2m	<170V	≥1.3*PUMP POWER
3ESS2.2-180-72-1100	72V	90V-120V	1100W	2.2m³/h	180m	0.75"	2m	<170V	≥1.3*PUMP POWER
4ESS2.6-70-48-500	48V	60V-90V	500W	2.6m³/h	70m	1"	2m	<110V	≥1.3*PUMP POWER
4ESS2.6-103-48-600	48V	60V-90V	600W	2.6m³/h	103m	1"	2m	<110V	≥1.3*PUMP POWER
4ESS3.7-112-72-750	72V	90V-120V	750W	3.7m³/h	112m	1"	2m	<170V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



3EPC
3"DC Brushless solar pump with
plastic impeller



FREE SPARE PARTS

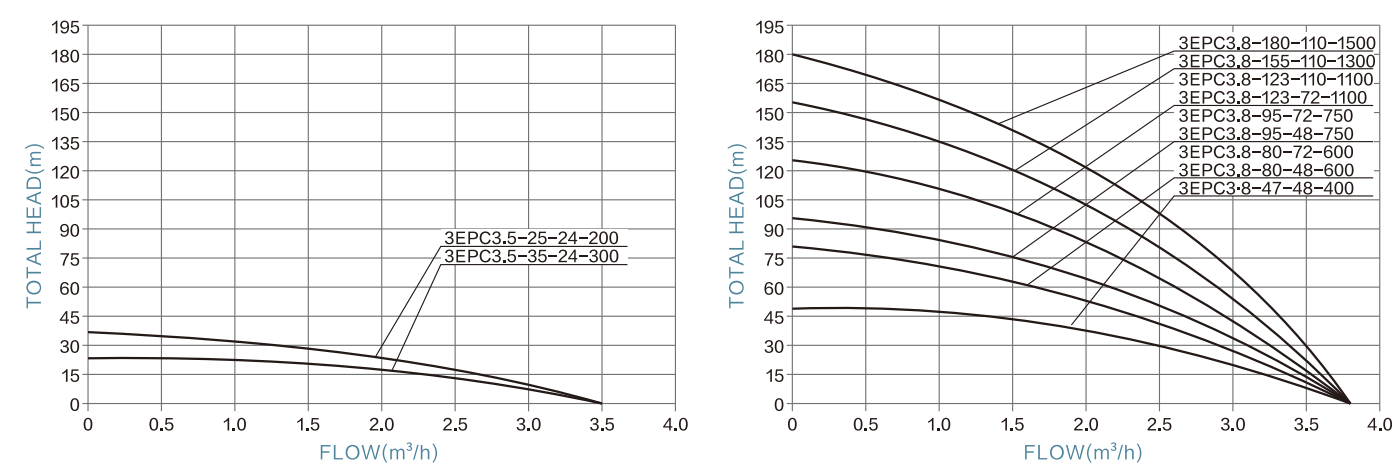


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
3EPC3.5-25-24-200	24V	30V-48V	200W	3.5m³/h	25m	1.25"	2m	<60V	≥1.3*PUMP POWER
3EPC3.5-35-24-300	24V	30V-48V	300W	3.5m³/h	35m	1.25"	2m	<60V	≥1.3*PUMP POWER
3EPC3.8-47-48-400	48V	60V-90V	400W	3.8m³/h	47m	1.25"	2m	<110V	≥1.3*PUMP POWER
3EPC3.8-80-48-600	48V	60V-90V	600W	3.8m³/h	80m	1.25"	2m	<110V	≥1.3*PUMP POWER
3EPC3.8-80-72-600	72V	90V-120V	600W	3.8m³/h	80m	1.25"	2m	<170V	≥1.3*PUMP POWER
3EPC3.8-95-48-750	48V	60V-90V	750W	3.8m³/h	95m	1.25"	2m	<110V	≥1.3*PUMP POWER
3EPC3.8-95-72-750	72V	90V-120V	750W	3.8m³/h	95m	1.25"	2m	<170V	≥1.3*PUMP POWER
3EPC3.8-123-72-1100	72V	90V-120V	1100W	3.8m³/h	123m	1.25"	2m	<170V	≥1.3*PUMP POWER
3EPC3.8-123-110-1100	110V	110V-150V	1100W	3.8m³/h	123m	1.25"	2m	<220V	≥1.3*PUMP POWER
3EPC3.8-155-110-1300	110V	110V-150V	1300W	3.8m³/h	155m	1.25"	2m	<220V	≥1.3*PUMP POWER
3EPC3.8-180-110-1500	110V	110V-150V	1500W	3.8m³/h	180m	1.25"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



3EPC
3"DC Brushless solar pump with
plastic impeller



FREE SPARE PARTS

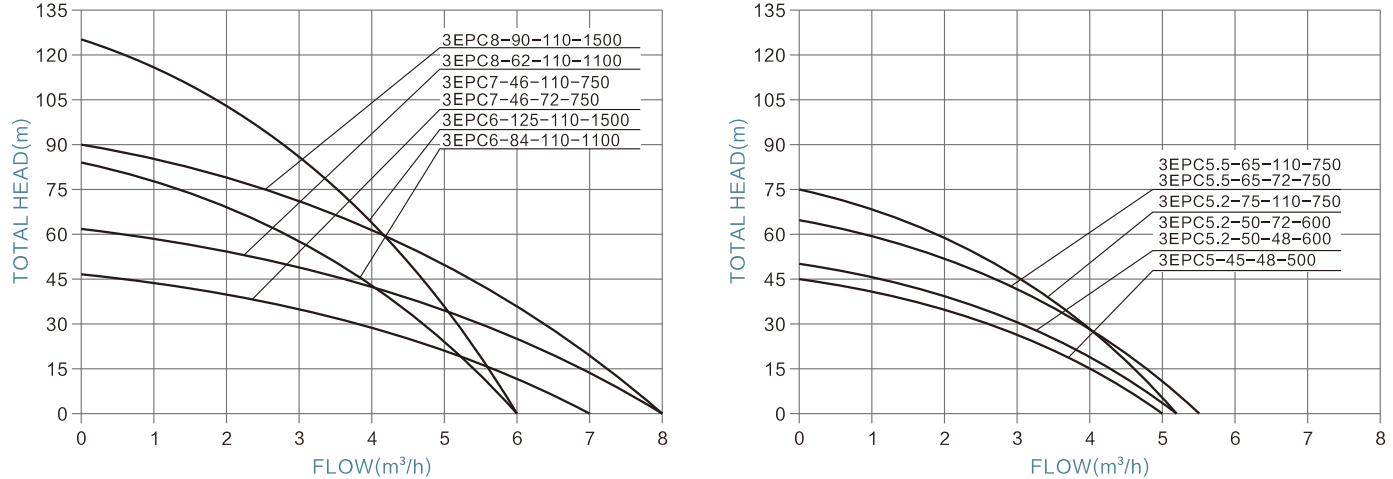


DC controller

TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
3EPC5-45-48-500	48V	60V-90V	500W	5m³/h	45m	1.5"	2m	<110V	≥1.3*PUMP POWER
3EPC5.2-50-48-600	48V	60V-90V	600W	5.2m³/h	50m	1.5"	2m	<110V	≥1.3*PUMP POWER
3EPC5.2-50-72-600	72V	90V-120V	600W	5.2m³/h	50m	1.5"	2m	<170V	≥1.3*PUMP POWER
3EPC5.2-75-110-750	110V	110V-150V	750W	5.2m³/h	75m	1.5"	2m	<220V	≥1.3*PUMP POWER
3EPC5.5-65-72-750	72V	90V-120V	750W	5.5m³/h	65m	1.5"	2m	<170V	≥1.3*PUMP POWER
3EPC5.5-65-110-750	110V	110V-150V	750W	5.5m³/h	65m	1.5"	2m	<220V	≥1.3*PUMP POWER
3EPC6-84-110-1100	110V	110V-150V	1100W	6m³/h	84m	1.5"	2m	<220V	≥1.3*PUMP POWER
3EPC6-125-110-1500	110V	110V-150V	1500W	6m³/h	125m	1.5"	2m	<220V	≥1.3*PUMP POWER
3EPC7-46-72-750	72V	90V-120V	750W	7m³/h	46m	1.5"	2m	<170V	≥1.3*PUMP POWER
3EPC7-46-110-750	110V	110V-150V	750W	7m³/h	46m	1.5"	2m	<220V	≥1.3*PUMP POWER
3EPC8-62-110-1100	110V	110V-150V	1100W	8m³/h	62m	1.5"	2m	<220V	≥1.3*PUMP POWER
3EPC8-90-110-1500	110V	110V-150V	1500W	8m³/h	90m	1.5"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



3ESC
3"DC Brushless solar pump with
S/S impeller



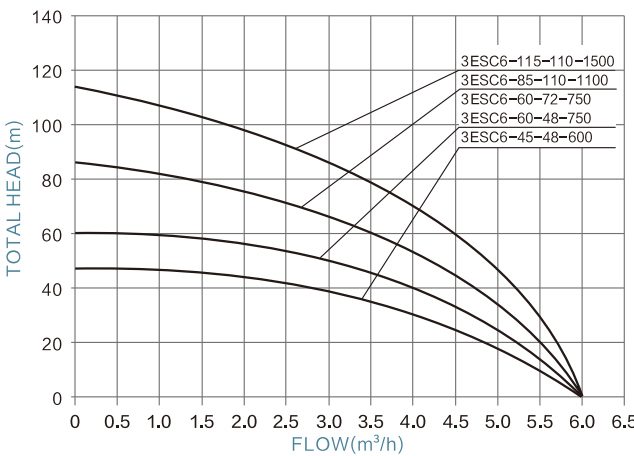
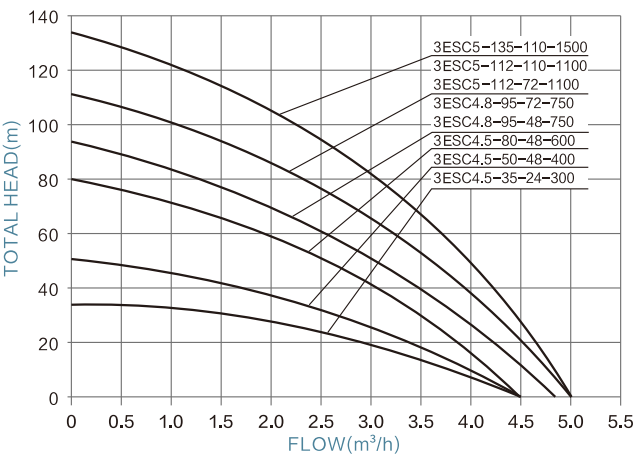
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3ESC4.5-35-24-300	24V	30V-48V	300W	4.5m³/h	35m	1.25"	2m	<60V	≥1.3*PUMP POWER
3ESC4.5-50-48-400	48V	60V-90V	400W	4.5m³/h	50m	1.25"	2m	<110V	≥1.3*PUMP POWER
3ESC4.5-80-48-600	48V	60V-90V	600W	4.5m³/h	80m	1.25"	2m	<110V	≥1.3*PUMP POWER
3ESC4.8-95-48-750	48V	60V-90V	750W	4.8m³/h	95m	1.25"	2m	<110V	≥1.3*PUMP POWER
3ESC4.8-95-72-750	72V	90V-120V	750W	4.8m³/h	95m	1.25"	2m	<170V	≥1.3*PUMP POWER
3ESC5-112-72-1100	72V	90V-120V	1100W	5m³/h	112m	1.25"	2m	<170V	≥1.3*PUMP POWER
3ESC5-112-110-1100	110V	110V-150V	1100W	5m³/h	112m	1.25"	2m	<220V	≥1.3*PUMP POWER
3ESC5-135-110-1500	110V	110V-150V	1500W	5m³/h	135m	1.25"	2m	<220V	≥1.3*PUMP POWER
3ESC6-45-48-600	48V	60V-90V	600W	6m³/h	45m	1.25"	2m	<110V	≥1.3*PUMP POWER
3ESC6-60-48-750	48V	60V-90V	750W	6m³/h	60m	1.25"	2m	<110V	≥1.3*PUMP POWER
3ESC6-60-72-750	72V	90V-120V	750W	6m³/h	60m	1.25"	2m	<170V	≥1.3*PUMP POWER
3ESC6-85-110-1100	110V	110V-150V	1100W	6m³/h	85m	1.25"	2m	<220V	≥1.3*PUMP POWER
3ESC6-115-110-1500	110V	110V-150V	1500W	6m³/h	115m	1.25"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4EPC
4"DC Brushless solar pump with
plastic impeller



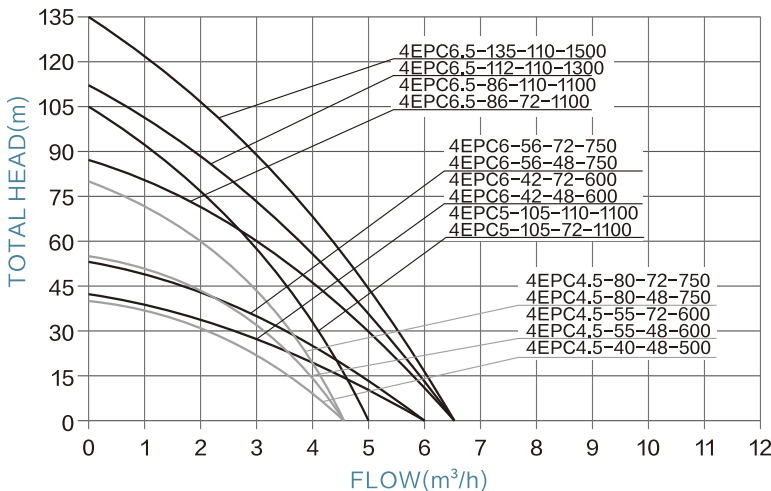
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4EPC4.5-40-48-500	48V	60V-90V	500W	4.5m³/h	40m	1.25"	2m	<110V	≥1.3*PUMP POWER
4EPC4.5-55-48-600	48V	60V-90V	600W	4.5m³/h	55m	1.25"	2m	<110V	≥1.3*PUMP POWER
4EPC4.5-55-72-600	72V	90V-120V	600W	4.5m³/h	55m	1.25"	2m	<170V	≥1.3*PUMP POWER
4EPC4.5-80-48-750	48V	60V-90V	750W	4.5m³/h	80m	1.25"	2m	<110V	≥1.3*PUMP POWER
4EPC4.5-80-72-750	72V	90V-120V	750W	4.5m³/h	80m	1.25"	2m	<170V	≥1.3*PUMP POWER
4EPC5-105-72-1100	72V	90V-120V	1100W	5m³/h	105m	1.25"	2m	<170V	≥1.3*PUMP POWER
4EPC5-105-110-1100	110V	110V-150V	1100W	5m³/h	105m	1.25"	2m	<220V	≥1.3*PUMP POWER
4EPC6-42-48-600	48V	60V-90V	600W	6m³/h	42m	1.25"	2m	<110V	≥1.3*PUMP POWER
4EPC6-42-72-600	72V	90V-120V	600W	6m³/h	42m	1.25"	2m	<170V	≥1.3*PUMP POWER
4EPC6-56-48-750	48V	60V-90V	750W	6m³/h	56m	1.25"	2m	<110V	≥1.3*PUMP POWER
4EPC6-56-72-750	72V	90V-120V	750W	6m³/h	56m	1.25"	2m	<170V	≥1.3*PUMP POWER
4EPC6.5-86-72-1100	72V	90V-120V	1100W	6.5m³/h	86m	1.25"	2m	<170V	≥1.3*PUMP POWER
4EPC6.5-86-110-1100	110V	110V-150V	1100W	6.5m³/h	86m	1.25"	2m	<220V	≥1.3*PUMP POWER
4EPC6.5-112-110-1300	110V	110V-150V	1300W	6.5m³/h	112m	1.25"	2m	<220V	≥1.3*PUMP POWER
4EPC6.5-135-110-1500	110V	110V-150V	1500W	6.5m³/h	135m	1.25"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4EPC
4"DC Brushless solar pump with
plastic impeller



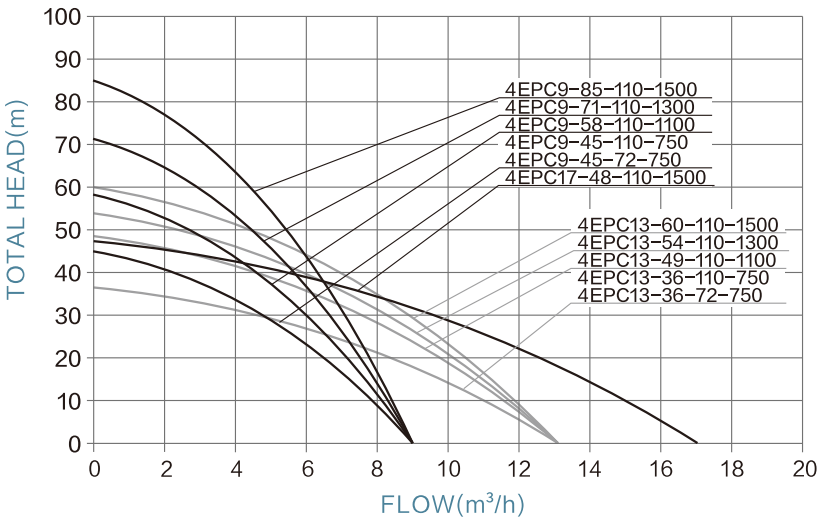
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4EPC9-45-72-750	72V	90V-120V	750W	9m³/h	45m	2"	2m	<170V	≥1.3*PUMP POWER
4EPC9-45-110-750	110V	110V-150V	750W	9m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC9-58-110-1100	110V	110V-150V	1100W	9m³/h	58m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC9-71-110-1300	110V	110V-150V	1300W	9m³/h	71m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC9-85-110-1500	110V	110V-150V	1500W	9m³/h	85m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC13-36-72-750	72V	90V-120V	750W	13m³/h	36m	2"	2m	<170V	≥1.3*PUMP POWER
4EPC13-36-110-750	110V	110V-150V	750W	13m³/h	36m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC13-49-110-1100	110V	110V-150V	1100W	13m³/h	49m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC13-54-110-1300	110V	110V-150V	1300W	13m³/h	54m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC13-60-110-1500	110V	110V-150V	1500W	13m³/h	60m	2"	2m	<220V	≥1.3*PUMP POWER
4EPC17-48-110-1500	110V	110V-150V	1500W	17m³/h	48m	2"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4ELR
4"DC Brushless solar pump with
plastic impeller



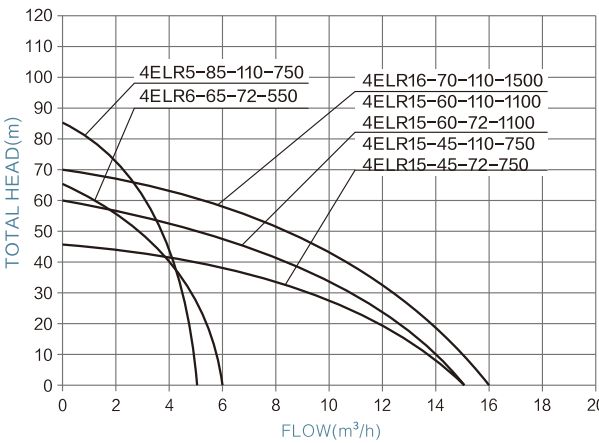
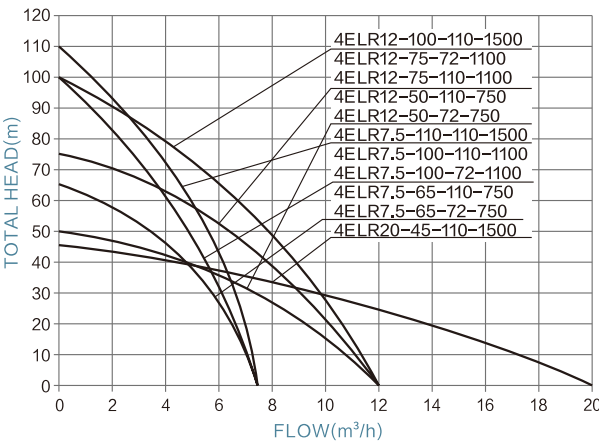
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ELR5-85-110-750	110V	110V-150V	750W	5m³/h	85m	1.25"	2m	<220V	≥1.3*PUMP POWER
4ELR6-65-72-550	72V	90V-120V	550W	6m³/h	65m	1.25"	2m	<170V	≥1.3*PUMP POWER
4ELR7.5-65-72-750	72V	90V-120V	750W	7.5m³/h	65m	2"	2m	<170V	≥1.3*PUMP POWER
4ELR7.5-65-110-750	110V	110V-150V	750W	7.5m³/h	65m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR7.5-100-72-1100	72V	90V-120V	1100W	7.5m³/h	100m	2"	2m	<170V	≥1.3*PUMP POWER
4ELR7.5-100-110-1100	110V	110V-150V	1100W	7.5m³/h	100m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR7.5-110-110-1500	110V	110V-150V	1500W	7.5m³/h	110m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR12-50-72-750	72V	90V-120V	750W	12m³/h	50m	2"	2m	<170V	≥1.3*PUMP POWER
4ELR12-50-110-750	110V	110V-150V	750W	12m³/h	50m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR12-75-72-1100	72V	90V-120V	1100W	12m³/h	75m	2"	2m	<170V	≥1.3*PUMP POWER
4ELR12-75-110-1100	110V	110V-150V	1100W	12m³/h	75m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR12-100-110-1500	110V	110V-150V	1500W	12m³/h	100m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR15-45-72-750	72V	90V-120V	750W	15m³/h	45m	2"	2m	<170V	≥1.3*PUMP POWER
4ELR15-45-110-750	110V	110V-150V	750W	15m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR15-60-72-1100	72V	90V-120V	1100W	15m³/h	60m	2"	2m	<170V	≥1.3*PUMP POWER
4ELR15-60-110-1100	110V	110V-150V	1100W	15m³/h	60m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR16-70-110-1500	110V	110V-150V	1500W	16m³/h	70m	2"	2m	<220V	≥1.3*PUMP POWER
4ELR20-45-110-1500	110V	110V-150V	1500W	20m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4ESC
4"DC Brushless solar pump with
S/S impeller



FREE SPARE PARTS



4ESC & 4/6ESC
4"/6"DC Brushless solar pump with
S/S impeller



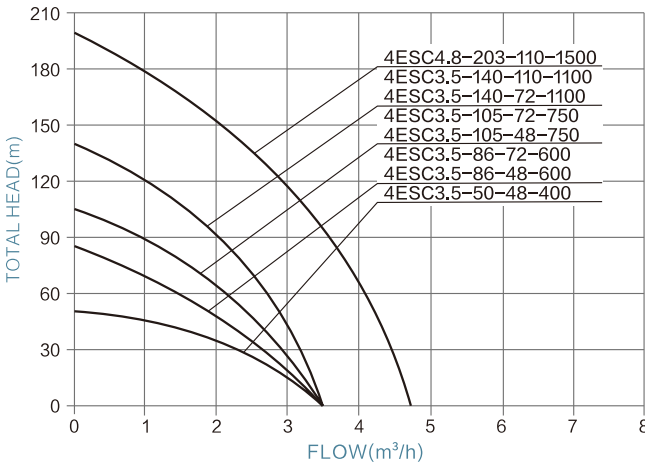
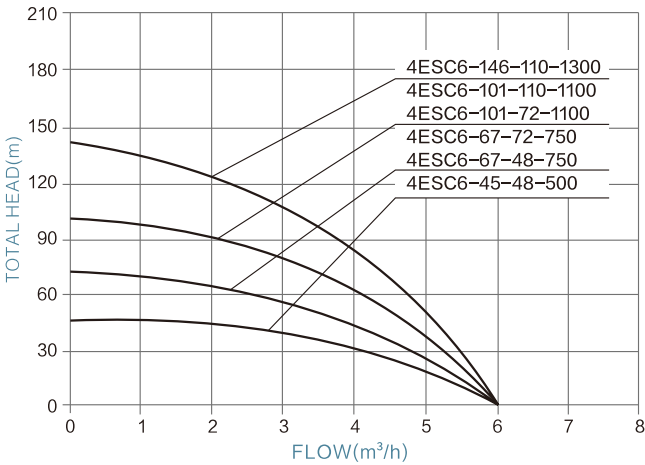
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ESC3.5-50-48-400	48V	60V-90V	400W	3.5m³/h	50m	1.25"	2m	<110V	≥1.3*PUMP POWER
4ESC3.5-86-48-600	48V	60V-90V	600W	3.5m³/h	86m	1.25"	2m	<110V	≥1.3*PUMP POWER
4ESC3.5-86-72-600	72V	90V-120V	600W	3.5m³/h	86m	1.25"	2m	<170V	≥1.3*PUMP POWER
4ESC3.5-105-48-750	48V	60V-90V	750W	3.5m³/h	105m	1.25"	2m	<110V	≥1.3*PUMP POWER
4ESC3.5-105-72-750	72V	90V-120V	750W	3.5m³/h	105m	1.25"	2m	<170V	≥1.3*PUMP POWER
4ESC3.5-140-72-1100	72V	90V-120V	1100W	3.5m³/h	140m	1.25"	2m	<170V	≥1.3*PUMP POWER
4ESC3.5-140-110-1100	110V	110V-150V	1100W	3.5m³/h	140m	1.25"	2m	<220V	≥1.3*PUMP POWER
4ESC4.8-203-110-1500	110V	110V-150V	1500W	4.8m³/h	203m	1.25"	2m	<220V	≥1.3*PUMP POWER
4ESC6-45-48-500	48V	60V-90V	500W	6m³/h	45m	1.25"	2m	<110V	≥1.3*PUMP POWER
4ESC6-67-48-750	48V	60V-90V	750W	6m³/h	67m	1.25"	2m	<110V	≥1.3*PUMP POWER
4ESC6-67-72-750	72V	90V-120V	750W	6m³/h	67m	1.25"	2m	<170V	≥1.3*PUMP POWER
4ESC6-101-72-1100	72V	90V-120V	1100W	6m³/h	101m	1.25"	2m	<170V	≥1.3*PUMP POWER
4ESC6-101-110-1100	110V	110V-150V	1100W	6m³/h	101m	1.25"	2m	<220V	≥1.3*PUMP POWER
4ESC6-146-110-1300	110V	110V-150V	1300W	6m³/h	146m	1.25"	2m	<220V	≥1.3*PUMP POWER

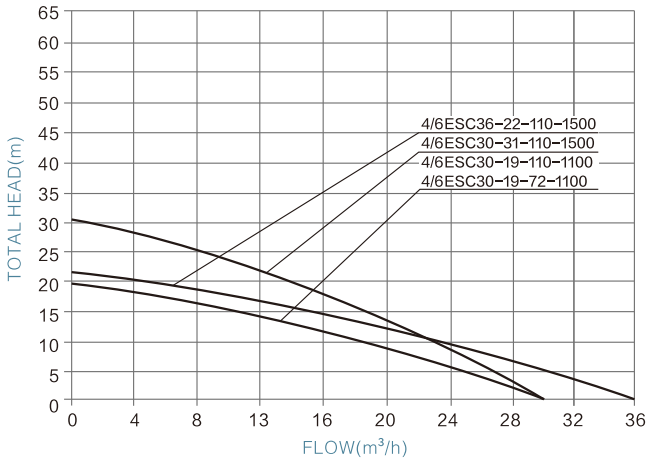
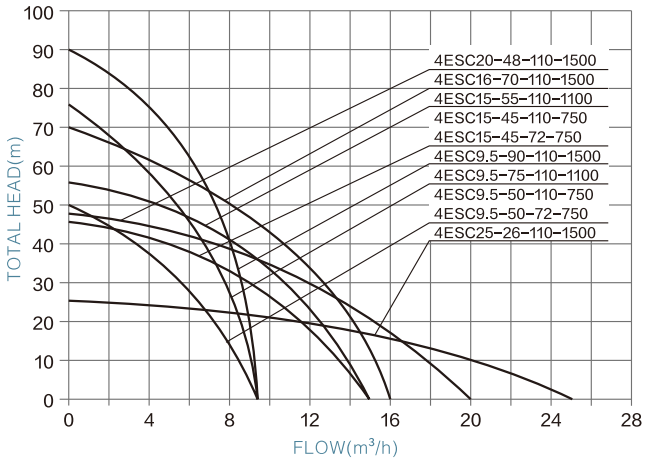
HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ESC9.5-50-72-750	72V	90V-120V	750W	9.5m³/h	50m	2"	2m	<170V	≥1.3*PUMP POWER
4ESC9.5-50-110-750	110V	110V-150V	750W	9.5m³/h	50m	2"	2m	<220V	≥1.3*PUMP POWER
4ESC9.5-75-110-1100	110V	110V-150V	1100W	9.5m³/h	75m	2"	2m	<220V	≥1.3*PUMP POWER
4ESC9.5-90-110-1500	110V	110V-150V	1500W	9.5m³/h	90m	2"	2m	<220V	≥1.3*PUMP POWER
4ESC15-45-72-750	72V	90V-120V	750W	15m³/h	45m	2"	2m	<170V	≥1.3*PUMP POWER
4ESC15-45-110-750	110V	110V-150V	750W	15m³/h	45m	2"	2m	<220V	≥1.3*PUMP POWER
4ESC15-55-110-1100	110V	110V-150V	1100W	15m³/h	55m	2"	2m	<220V	≥1.3*PUMP POWER
4ESC16-70-110-1500	110V	110V-150V	1500W	16m³/h	70m	2"	2m	<220V	≥1.3*PUMP POWER
4ESC20-48-110-1500	110V	110V-150V	1500W	20m³/h	48m	2"	2m	<220V	≥1.3*PUMP POWER
4ESC25-26-110-1500	110V	110V-150V	1500W	25m³/h	26m	2"	2m	<220V	≥1.3*PUMP POWER
4/6ESC30-19-72-1100	72V	90V-120V	1100W	30m³/h	19m	3"	2m	<170V	≥1.3*PUMP POWER
4/6ESC30-19-110-1100	110V	110V-150V	1100W	30m³/h	19m	3"	2m	<220V	≥1.3*PUMP POWER
4/6ESC30-31-110-1500	110V	110V-150V	1500W	30m³/h	31m	3"	2m	<220V	≥1.3*PUMP POWER
4/6ESC36-22-110-1500	110V	110V-150V	1500W	36m³/h	22m	3"	2m	<220V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



AC/DC HYBRID SOLAR DEEP WELL PUMP

Professional solar pump manufacturer



ENERGY CONSERVATION



ENVIRONMENTAL PROTECTION



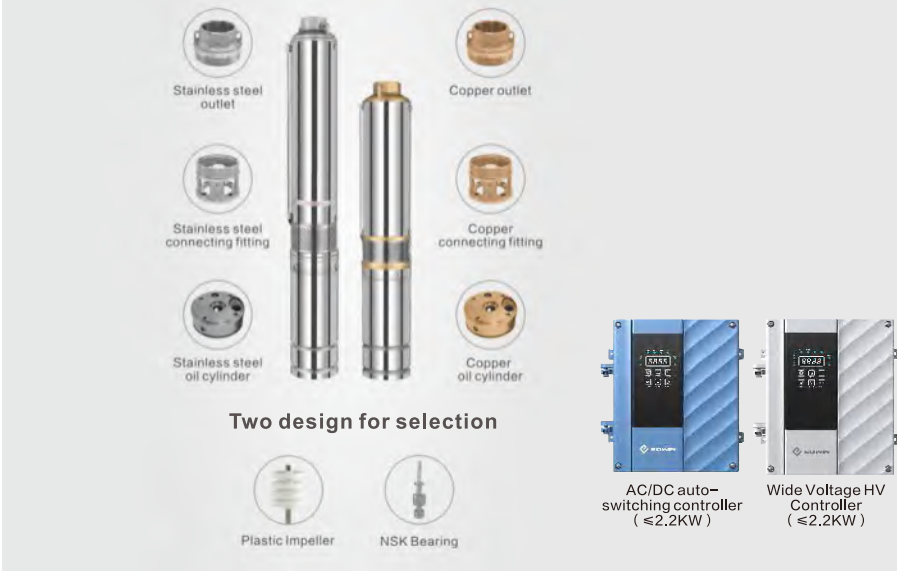
HIGH EFFICIENCY



QUALITY ASSURANCE

AC/DC HYBRID SOLAR DEEP WELL PUMP

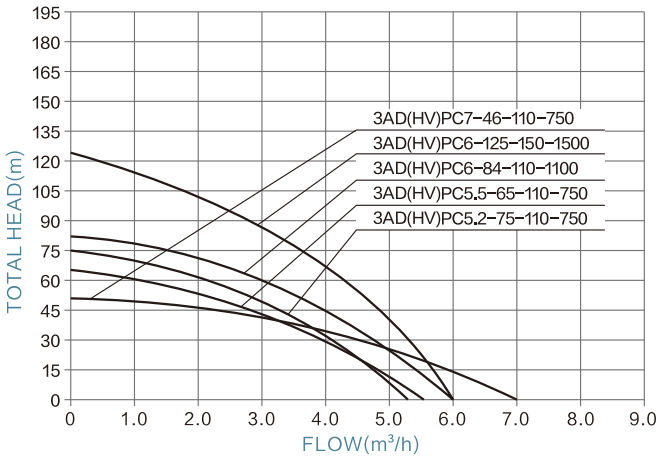
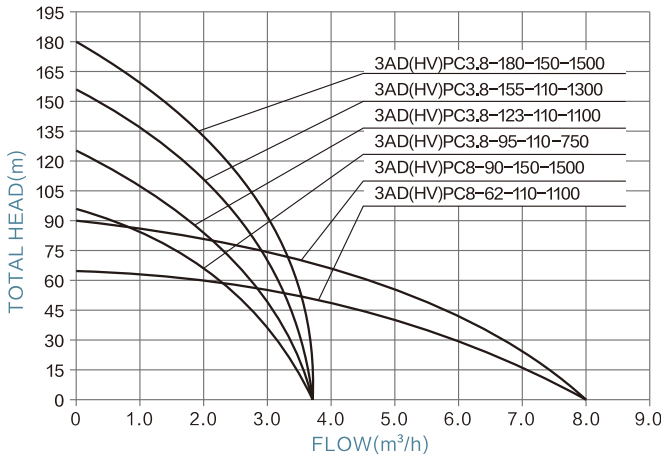
3AD(HV)PC
3"AC/DC & Wide voltage brushless
solar pump with plastic impeller



TECHNICAL DATA

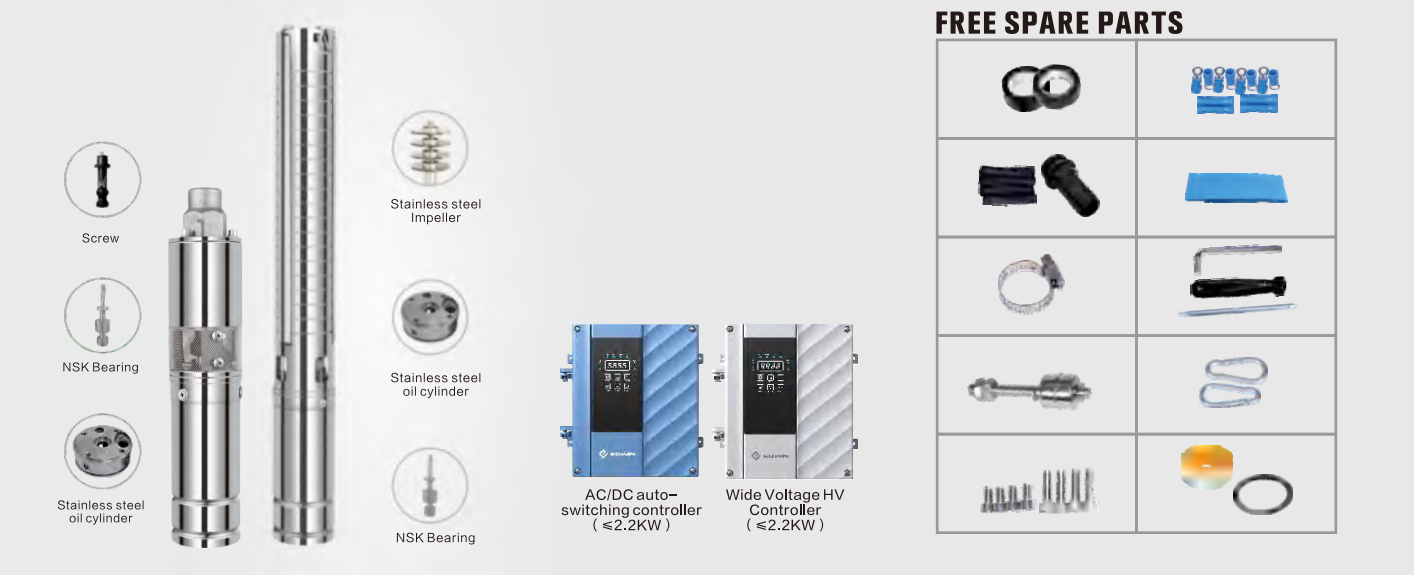
ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage (VOC)	Power
3ADPC3.8-95-110-750 3HVPC3.8-95-110-750	85V-280V	110-350V	750W	3.8m³/h	95m	1.25"	2m	<450V	≥1.3*PUMP POWER
3ADPC3.8-123-110-1100 3HVPC3.8-123-110-1100	85V-280V	110-350V	1100W	3.8m³/h	123m	1.25"	2m	<450V	≥1.3*PUMP POWER
3ADPC3.8-155-110-1300 3HVPC3.8-155-110-1300	85V-280V	110-350V	1300W	3.8m³/h	155m	1.25"	2m	<450V	≥1.3*PUMP POWER
3ADPC3.8-180-150-1500 3HVPC3.8-180-150-1500	85V-280V	150-350V	1500W	3.8m³/h	180m	1.25"	2m	<450V	≥1.3*PUMP POWER
3ADPC5.2-75-110-750 3HVPC5.2-75-110-750	85V-280V	100-350V	750W	5.2m³/h	75m	1.5"	2m	<450V	≥1.3*PUMP POWER
3ADPC5.5-65-110-750 3HVPC5.5-65-110-750	85V-280V	100-350V	750W	5.5m³/h	65m	1.5"	2m	<450V	≥1.3*PUMP POWER
3ADPC6-84-110-1100 3HVPC6-84-110-1100	85V-280V	110-350V	1100W	6m³/h	84m	1.5"	2m	<450V	≥1.3*PUMP POWER
3ADPC6-125-150-1500 3HVPC6-125-150-1500	85V-280V	150-350V	1500W	6m³/h	125m	1.5"	2m	<450V	≥1.3*PUMP POWER
3ADPC7-46-110-750 3HVPC7-46-110-750	85V-280V	100-350V	750W	7m³/h	46m	1.5"	2m	<450V	≥1.3*PUMP POWER
3ADPC8-62-110-1100 3HVPC8-62-110-1100	85V-280V	110-350V	1100W	8m³/h	62m	1.5"	2m	<450V	≥1.3*PUMP POWER
3ADPC8-90-150-1500 3HVPC8-90-150-1500	85V-280V	150-350V	1500W	8m³/h	90m	1.5"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



3ADSS & 3AD(HV)SC

3"AC/DC Brushless screw solar pump & wide voltage brushless solar pump with S/S impeller

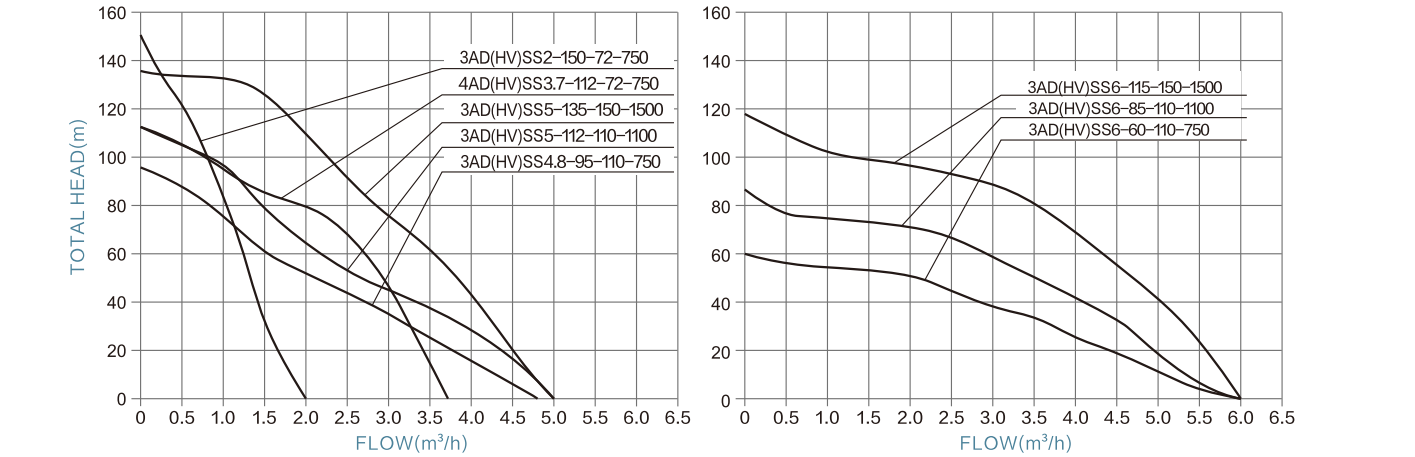


TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3ADSS2-150-72-750	85V-280V	100V-350V	750W	2m³/h	150m	0.75"	2m	<450V	≥1.3*PUMP POWER
3ADSS3.7-112-72-750	85V-280V	100V-350V	750W	2m³/h	112m	1"	2m	<450V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
3ADSC4.8-95-110-750	85V-280V	110V-350V	750W	4.8m³/h	95m	1.25"	2m	<450V	≥1.3*PUMP POWER
3HVSC4.8-95-110-750	/	/	/	/	/	/	/	/	/
3ADSC5-112-110-1100	85V-280V	110V-350V	1100W	5m³/h	112m	1.25"	2m	<450V	≥1.3*PUMP POWER
3HVSC5-112-110-1100	/	/	/	/	/	/	/	/	/
3ADSC5-135-150-1500	85V-280V	150V-350V	1500W	5m³/h	135m	1.25"	2m	<450V	≥1.3*PUMP POWER
3HVSC5-135-150-1500	/	/	/	/	/	/	/	/	/
3ADSC6-60-110-750	85V-280V	110V-350V	750W	6m³/h	60m	1.25"	2m	<450V	≥1.3*PUMP POWER
3HVSC6-60-110-750	/	/	/	/	/	/	/	/	/
3ADSC6-85-110-1100	85V-280V	110V-350V	1100W	6m³/h	85m	1.25"	2m	<450V	≥1.3*PUMP POWER
3HVSC6-85-110-1100	/	/	/	/	/	/	/	/	/
3ADSC6-115-150-1500	85V-280V	150V-350V	1500W	6m³/h	115m	1.25"	2m	<450V	≥1.3*PUMP POWER
3HVSC6-115-150-1500	/	/	/	/	/	/	/	/	/

HYDRAULIC PERFORMANCE CURVES



4AD(HV)LR

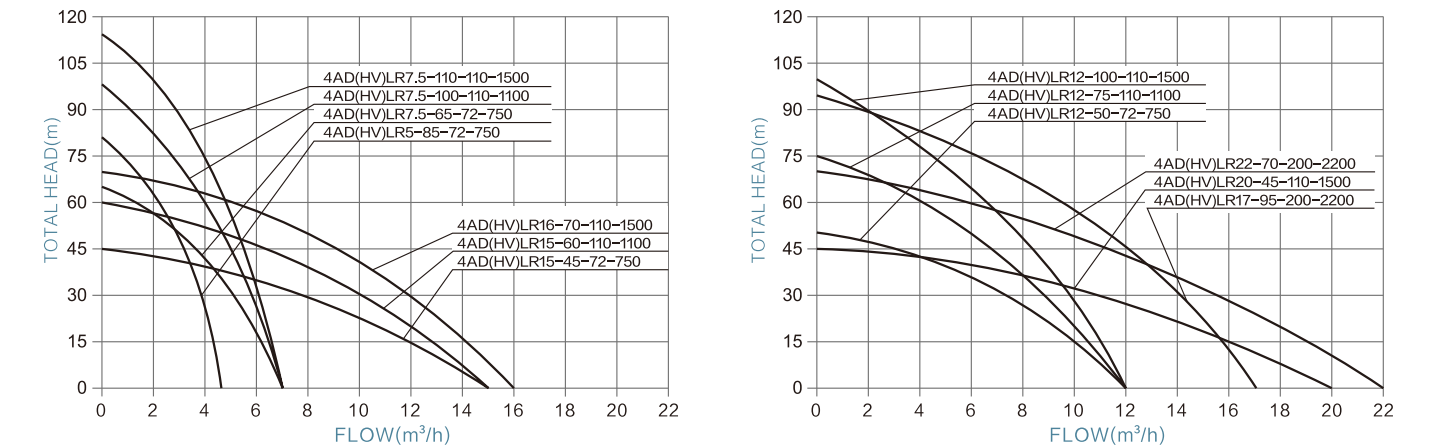
4"AC/DC Brushless solar pump with plastic impeller



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADLR5-85-110-750	85V-280V	110V-350V	750W	5m³/h	85m	1.25"	2m	<450V	≥1.3*PUMP POWER
4HVL5-85-110-750	/	/	/	/	/	/	/	/	/
4ADLR7.5-65-110-750	85V-280V	110V-350V	750W	7.5m³/h	65m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL7.5-65-110-750	/	/	/	/	/	/	/	/	/
4ADLR7.5-100-110-1100	85V-280V	110V-350V	1100W	7.5m³/h	100m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL7.5-100-110-1100	/	/	/	/	/	/	/	/	/
4ADLR7.5-110-150-1500	85V-280V	150V-350V	1500W	7.5m³/h	110m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL7.5-110-150-1500	/	/	/	/	/	/	/	/	/
4ADLR12-50-110-750	85V-280V	110V-350V	750W	12m³/h	50m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL12-50-110-750	/	/	/	/	/	/	/	/	/
4ADLR12-75-110-1100	85V-280V	110V-350V	1100W	12m³/h	75m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL12-75-110-1100	/	/	/	/	/	/	/	/	/
4ADLR12-100-150-1500	85V-280V	150V-350V	1500W	12m³/h	100m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL12-100-150-1500	/	/	/	/	/	/	/	/	/
4ADLR15-45-110-750	85V-280V	110V-350V	750W	15m³/h	45m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL15-45-110-750	/	/	/	/	/	/	/	/	/
4ADLR15-60-110-1100	85V-280V	110V-350V	1100W	15m³/h	60m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL15-60-110-1100	/	/	/	/	/	/	/	/	/
4ADLR16-70-150-1500	85V-280V	150V-350V	1500W	16m³/h	70m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL16-70-150-1500	/	/	/	/	/	/	/	/	/
4ADLR17-95-200-2200	85V-280V	200V-350V	2200W	17m³/h	95m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL17-95-200-2200	/	/	/	/	/	/	/	/	/
4ADLR20-45-150-1500	85V-280V	150V-350V	1500W	20m³/h	45m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL20-45-150-1500	/	/	/	/	/	/	/	/	/
4ADLR22-70-200-2200	85V-280V	200V-350V	2200W	22m³/h	70m	2"	2m	<450V	≥1.3*PUMP POWER
4HVL22-70-200-2200	/	/	/	/	/	/	/	/	/

HYDRAULIC PERFORMANCE CURVES



4AD(HV)PC

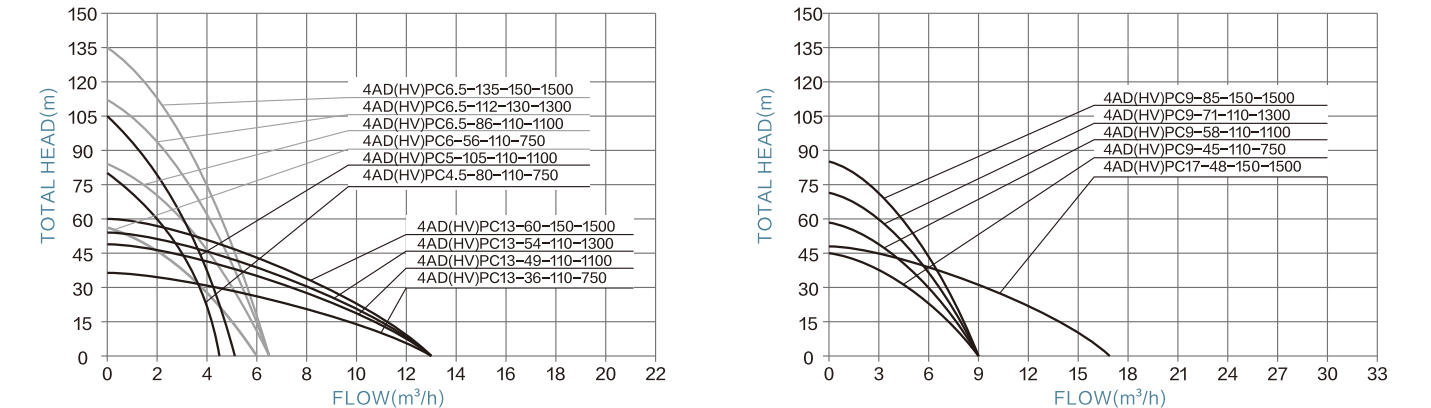
4"AC/DC Brushless solar pump with plastic impeller



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADPC4.5-80-110-750 4HVPC4.5-80-110-750	85V-280V	110-350V	750W	4.5m³/h	80m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC5-105-110-1100 4HVPC5-105-110-1100	85V-280V	110-350V	1100W	5m³/h	105m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC6-56-110-750 4HVPC6-56-110-750	85V-280V	110-350V	750W	6m³/h	56m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC6.5-86-110-1100 4HVPC6.5-86-110-1100	85V-280V	110-350V	1100W	6.5m³/h	86m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC6.5-112-110-1300 4HVPC6.5-112-110-1300	85V-280V	110-350V	1300W	6.5m³/h	112m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC6.5-135-150-1500 4HVPC6.5-135-150-1500	85V-280V	150-350V	1500W	6.5m³/h	135m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC9-45-110-750 4HVPC9-45-110-750	85V-280V	110-350V	750W	9m³/h	45m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC9-58-110-1100 4HVPC9-58-110-1100	85V-280V	110-350V	1100W	9m³/h	58m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC9-71-110-1300 4HVPC9-71-110-1300	85V-280V	110-350V	1300W	9m³/h	71m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC9-85-150-1500 4HVPC9-85-150-1500	85V-280V	150-350V	1500W	9m³/h	85m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC13-36-110-750 4HVPC13-36-110-750	85V-280V	110-350V	750W	13m³/h	36m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC13-49-110-1100 4HVPC13-49-110-1100	85V-280V	110-350V	1100W	13m³/h	49m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC13-54-110-1300 4HVPC13-54-110-1300	85V-280V	110-350V	1300W	13m³/h	54m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC13-60-150-1500 4HVPC13-60-150-1500	85V-280V	150-350V	1500W	13m³/h	60m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC17-48-150-1500 4HVPC17-48-150-1500	85V-280V	150-350V	1500W	17m³/h	48m	2"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4AD(HV)PC

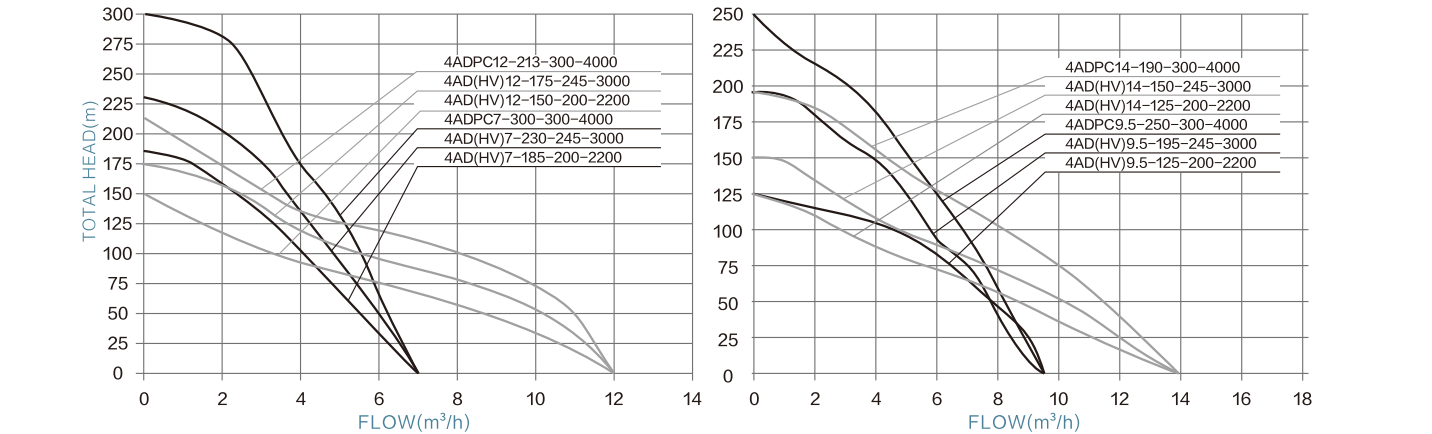
4"AC/DC Brushless solar pump with plastic impeller



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADPC7-185-200-2200 4HVPC7-185-200-2200	85V-280V	200V-350V	2200W	7m³/h	185m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC7-230-245-3000 4HVPC7-230-245-3000	85V-280V	245V-350V	3000W	7m³/h	230m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC7-300-300-4000	120V-280V	300V-350V	4000W	7m³/h	300m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADPC9.5-125-200-2200 4HVPC9.5-125-200-2200	85V-280V	200V-350V	2200W	9.5m³/h	125m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC9.5-195-245-3000 4HVPC9.5-195-245-3000	85V-280V	245V-350V	3000W	9.5m³/h	195m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC9.5-250-300-4000	120V-280V	300V-350V	4000W	9.5m³/h	250m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC12-150-200-2200 4HVPC12-150-200-2200	85V-280V	200V-350V	2200W	12m³/h	150m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC12-175-245-3000 4HVPC12-175-245-3000	85V-280V	245V-350V	3000W	12m³/h	175m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC12-213-300-4000	120V-280V	300V-350V	4000W	12m³/h	213m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC14-125-200-2200 4HVPC14-125-200-2200	85V-280V	200V-350V	2200W	14m³/h	125m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC14-150-245-3000 4HVPC14-150-245-3000	85V-280V	245V-350V	3000W	14m³/h	150m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC14-190-300-4000	120V-280V	300V-350V	4000W	14m³/h	190m	2"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4AD(HV)PC
4"AC/DC Brushless solar pump with plastic impeller

Two design for selection

FREE SPARE PARTS

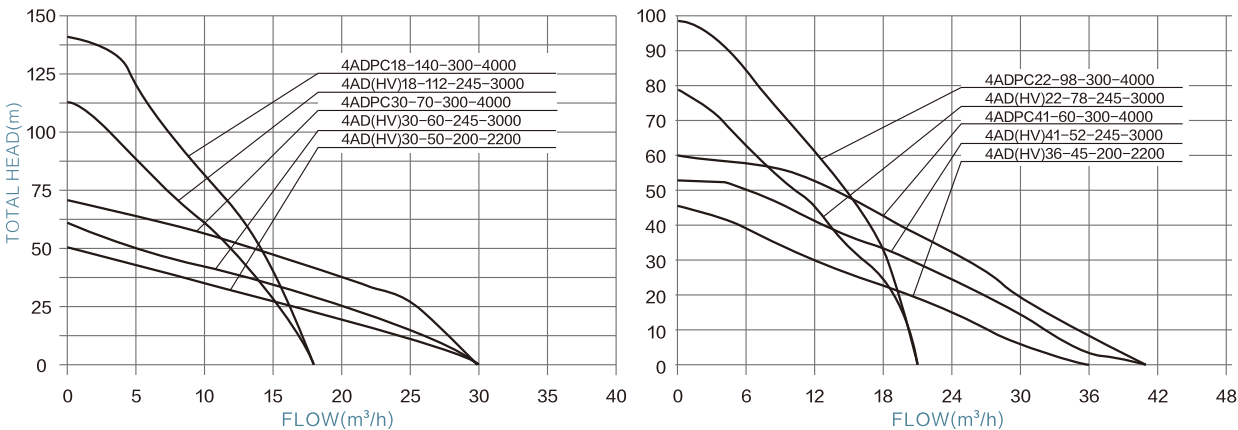
AC/DC auto-switching controller (≤2.2KW) Wide Voltage HV Controller (≤2.2KW)

Wide voltage HV controller (3KW) AC/DC auto-switching controller (3KW-4KW) AC/DC controller (4KW)

TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADPC18-112-245-3000 4HVPC18-112-245-3000	85V-280V	245V-350V	3000W	18m³/h	112m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC18-140-300-4000	120V-280V	300V-350V	4000W	18m³/h	140m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC22-78-245-3000 4HVPC22-78-245-3000	85V-280V	245V-350V	3000W	22m³/h	78m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC22-98-300-4000	120V-280V	300V-350V	4000W	22m³/h	98m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC30-50-200-2200 4HVPC30-50-200-2200	85V-280V	200V-350V	2200W	30m³/h	50m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC30-60-245-3000 4HVPC30-60-245-3000	85V-280V	245V-350V	3000W	30m³/h	60m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC30-70-300-4000	120V-280V	300V-350V	4000W	30m³/h	70m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC36-45-200-2200 4HVPC36-45-200-2200	85V-280V	200V-350V	2200W	36m³/h	45m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC41-52-245-3000 4HVPC41-52-245-3000	85V-280V	245V-350V	3000W	41m³/h	52m	2"	2m	<450V	≥1.3*PUMP POWER
4ADPC41-60-300-4000	120V-280V	300V-350V	4000W	41m³/h	60m	2"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4AD(HV)SC & 4/6AD(HV)SC
4"AC/DC Brushless solar pump with S/S impeller

Two design for selection

FREE SPARE PARTS

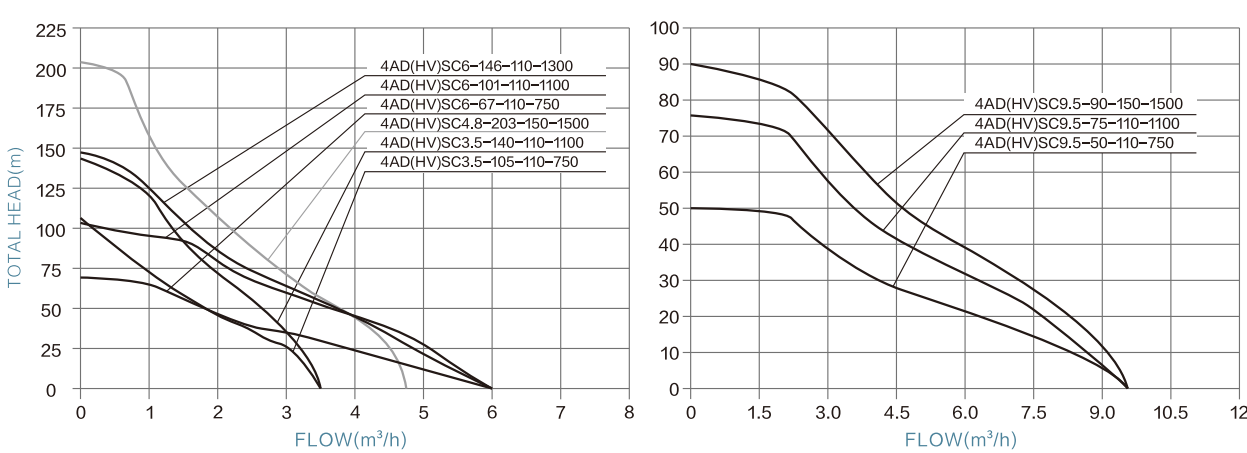
AC/DC auto-switching controller (≤2.2KW) Wide Voltage HV Controller (≤2.2KW)

Wide voltage HV controller (3KW) AC/DC auto-switching controller (3KW-4KW) AC/DC controller (4KW)

TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADSC3.5-105-110-750 4HVSC3.5-105-110-750	85V-280V	100V-350V	750W	3.5m³/h	105m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC3.5-140-110-1100 4HVSC3.5-140-110-1100	85V-280V	110V-350V	750W	3.5m³/h	140m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC4.8-203-150-1500 4HVSC4.8-203-150-1500	85V-280V	150V-350V	1500W	4.8m³/h	203m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC6-67-110-750 4HVSC6-67-110-750	85V-280V	100V-350V	750W	6m³/h	67m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC6-101-110-1100 4HVSC6-101-110-1100	85V-280V	110V-350V	1100W	6m³/h	101m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC6-146-110-1300 4HVSC6-146-110-1300	85V-280V	110V-350V	1300W	6m³/h	146m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC9.5-50-110-750 4HVSC9.5-50-110-750	85V-280V	100V-350V	750W	9.5m³/h	50m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC9.5-75-110-1100 4HVSC9.5-75-110-1100	85V-280V	110V-350V	1100W	9.5m³/h	75m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC9.5-90-150-1500 4HVSC9.5-90-150-1500	85V-280V	150V-350V	1500W	9.5m³/h	90m	2"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4AD(HV)SC & 4/6AD(HV)SC

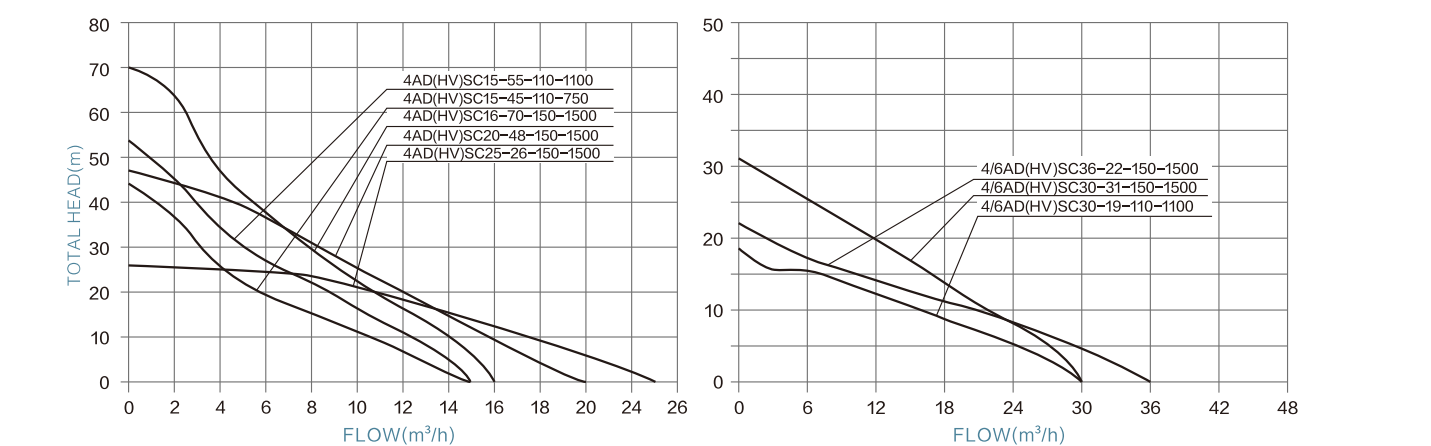
4"AC/DC Brushless solar pump with S/S impeller



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADSC15-45-110-750 4HVSC15-45-110-750	85V-280V	100V-350V	750W	15m³/h	45m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC15-55-110-1100 4HVSC15-55-110-1100	85V-280V	110V-350V	1100W	15m³/h	55m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC16-70-150-1500 4HVSC16-70-150-1500	85V-280V	150V-350V	1500W	16m³/h	70m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC20-48-150-1500 4HVSC20-48-150-1500	85V-280V	150V-350V	1500W	20m³/h	48m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC25-26-150-1500 4HVSC25-26-150-1500	85V-280V	150V-350V	1500W	25m³/h	26m	2"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC30-19-110-1100 4/6HVSC30-19-110-1100	85V-280V	110V-350V	1100W	30m³/h	19m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC30-31-150-1500 4/6HVSC30-31-150-1500	85V-280V	150V-350V	1500W	30m³/h	31m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC36-22-150-1500 4/6HVSC36-22-150-1500	85V-280V	150V-350V	1500W	36m³/h	22m	3"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4AD(HV)SC & 4/6AD(HV)SC

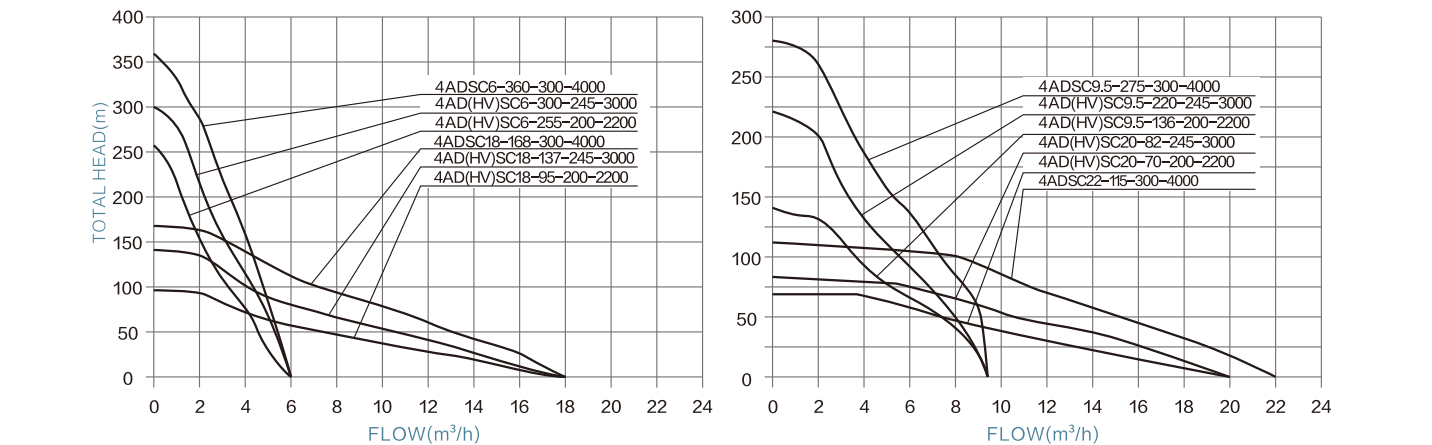
4"AC/DC & Wide voltage brushless solar pump with S/S impeller



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADSC6-255-200-2200 4HVSC6-255-200-2200	85V-280V	200V-350V	2200W	6m³/h	255m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC6-300-245-3000 4HVSC6-300-245-3000	85V-280V	245V-350V	3000W	6m³/h	300m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC6-360-300-4000	120V-280V	300V-350V	4000W	6m³/h	360m	1.25"	2m	<450V	≥1.3*PUMP POWER
4ADSC9.5-136-200-2200 4HVSC9.5-136-200-2200	85V-280V	200V-350V	2200W	9.5m³/h	136m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC9.5-220-245-3000 4HVSC9.5-220-245-3000	85V-280V	245V-350V	3000W	9.5m³/h	220m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC9.5-275-300-4000	120V-280V	300V-350V	4000W	9.5m³/h	275m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC18-95-200-2200 4HVSC18-95-200-2200	85V-280V	200V-350V	2200W	18m³/h	95m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC18-137-245-3000 4HVSC18-137-245-3000	85V-280V	245V-350V	3000W	18m³/h	137m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC18-168-300-4000	120V-280V	300V-350V	4000W	18m³/h	168m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC20-70-200-2200 4HVSC20-70-200-2200	85V-280V	200V-350V	2200W	20m³/h	70m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC20-82-245-3000 4HVSC20-82-245-3000	85V-280V	245V-350V	3000W	20m³/h	82m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC22-115-300-4000	120V-280V	300V-350V	4000W	22m³/h	115m	2"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4AD(HV)SC & 4/6AD(HV)SC

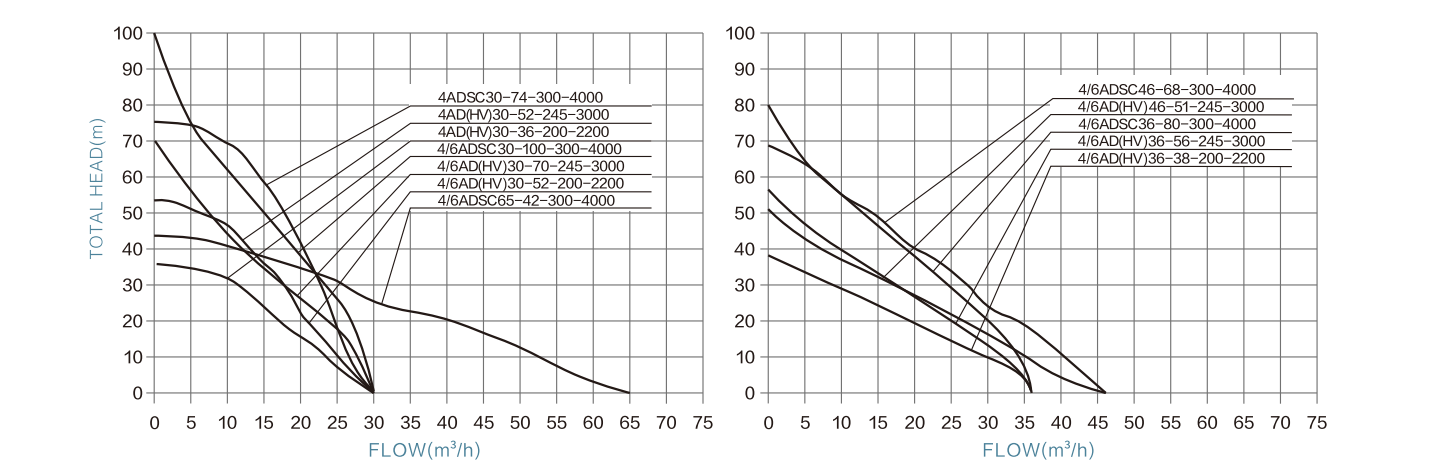
4"AC/DC & Wide voltage brushless solar pump with S/S impeller



TECHNICAL DATA

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADSC30-36-200-2200 4HVSC30-36-200-2200	85V-280V	200V-350V	2200W	30m³/h	36m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC30-52-245-3000 4HVSC30-52-245-3000	85V-280V	245V-350V	3000W	30m³/h	52m	2"	2m	<450V	≥1.3*PUMP POWER
4ADSC30-74-300-4000	120V-280V	300V-350V	4000W	30m³/h	74m	2"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC30-52-200-2200 4/6HVSC30-52-200-2200	85V-280V	200V-350V	2200W	30m³/h	52m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC30-70-245-3000 4/6HVSC30-70-245-3000	85V-280V	245V-350V	3000W	30m³/h	70m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC30-100-300-4000	120V-280V	300V-350V	4000W	30m³/h	100m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC36-38-200-2200 4/6HVSC36-38-200-2200	85V-280V	200V-350V	2200W	36m³/h	38m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC36-56-245-3000 4/6HVSC36-56-245-3000	85V-280V	245V-350V	3000W	36m³/h	56m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC36-80-300-4000	120V-280V	300V-350V	4000W	36m³/h	80m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC46-51-245-3000 4/6HVSC46-51-245-3000	85V-280V	245V-350V	3000W	46m³/h	51m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC46-68-300-4000	120V-280V	300V-350V	4000W	46m³/h	68m	3"	2m	<450V	≥1.3*PUMP POWER
4/6ADSC65-42-300-4000	120V-280V	300V-350V	4000W	65m³/h	42m	3"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



AC/DC HYBRID SOLAR DEEP WELL PUMP

4ADPC(3KW-7.5KW)

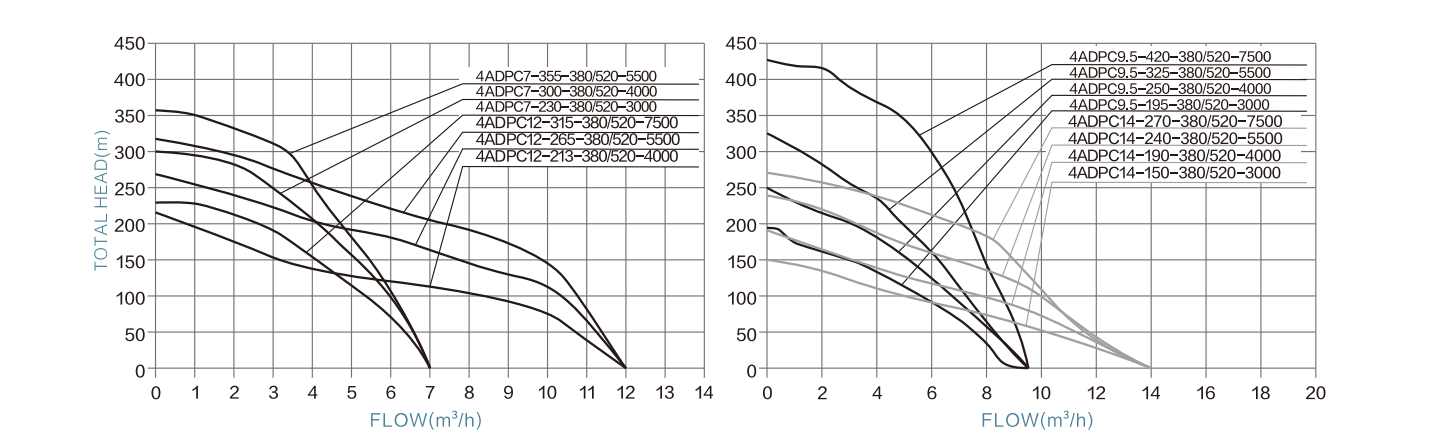
4"DC Brushless solar pump with plastic impeller



TECHNICAL DATA

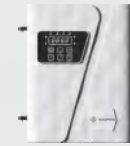
ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADPC7-230-380/520-3000	AC380/DC520V	520V-650V	3000W	7m³/h	230m	1.25"	2m	<900V	≥1.3*PUMP POWER
4ADPC7-300-380/520-4000	AC380/DC520V	520V-650V	4000W	7m³/h	300m	1.25"	2m	<900V	≥1.3*PUMP POWER
4ADPC7-355-380/520-5500	AC380/DC520V	520V-650V	5500W	7m³/h	355m	1.25"	2m	<900V	≥1.3*PUMP POWER
4ADPC9.5-195-380/520-3000	AC380/DC520V	520V-650V	3000W	9.5m³/h	195m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC9.5-250-380/520-4000	AC380/DC520V	520V-650V	4000W	9.5m³/h	250m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC9.5-325-380/520-5500	AC380/DC520V	520V-650V	5500W	9.5m³/h	325m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC9.5-420-380/520-7500	AC380/DC520V	520V-650V	7500W	9.5m³/h	420m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC12-213-380/520-4000	AC380/DC520V	520V-650V	4000W	12m³/h	213m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC12-265-380/520-5500	AC380/DC520V	520V-650V	5500W	12m³/h	265m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC12-315-380/520-7500	AC380/DC520V	520V-650V	7500W	12m³/h	315m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC14-150-380/520-3000	AC380/DC520V	520V-650V	3000W	14m³/h	150m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC14-190-380/520-4000	AC380/DC520V	520V-650V	4000W	14m³/h	190m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC14-240-380/520-5500	AC380/DC520V	520V-650V	5500W	14m³/h	240m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC14-270-380/520-7500	AC380/DC520V	520V-650V	7500W	14m³/h	270m	2"	2m	<900V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4ADPC(3KW-7.5KW)

4"AC/DC Brushless solar pump with S/S impeller



AC/DC auto-switching controller (5.5KW-22KW)



AC/DC auto-switching controller (3KW-4KW)

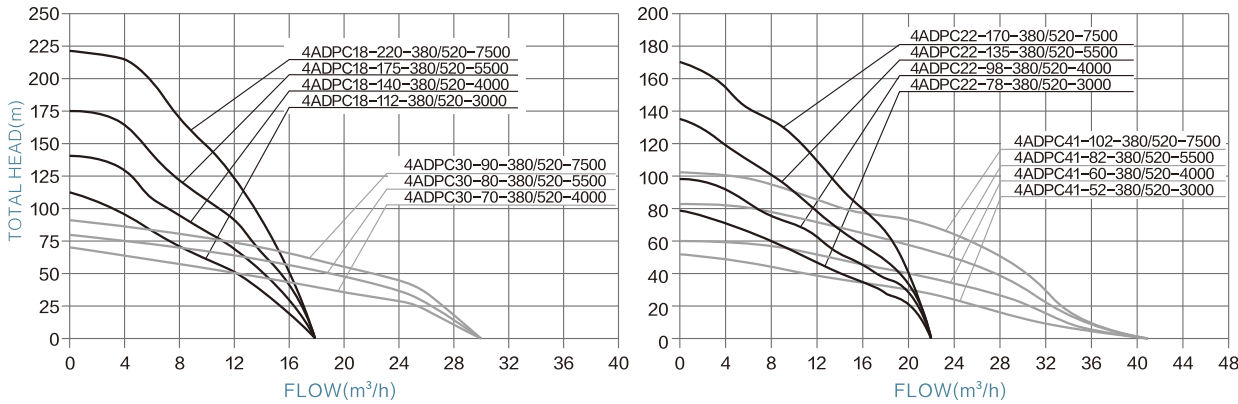
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADPC18-112-380/520-3000	AC380/DC520V	520V-650V	3000W	18m³/h	112m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC18-140-380/520-4000	AC380/DC520V	520V-650V	4000W	18m³/h	140m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC18-175-380/520-5500	AC380/DC520V	520V-650V	5500W	18m³/h	175m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC18-220-380/520-7500	AC380/DC520V	520V-650V	7500W	18m³/h	220m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC22-78-380/520-3000	AC380/DC520V	520V-650V	3000W	22m³/h	78m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC22-98-380/520-4000	AC380/DC520V	520V-650V	4000W	22m³/h	98m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC22-135-380/520-5500	AC380/DC520V	520V-650V	5500W	22m³/h	135m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC22-170-380/520-7500	AC380/DC520V	520V-650V	7500W	22m³/h	170m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC30-70-380/520-4000	AC380/DC520V	520V-650V	4000W	30m³/h	70m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC30-80-380/520-5500	AC380/DC520V	520V-650V	5500W	30m³/h	80m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC30-90-380/520-7500	AC380/DC520V	520V-650V	7500W	30m³/h	90m	2"	2m	<900V	≥1.3*PUMP POWER
4ADPC41-52-380/520-3000	AC380/DC520V	520V-650V	3000W	41m³/h	52m	3"	2m	<900V	≥1.3*PUMP POWER
4ADPC41-60-380/520-4000	AC380/DC520V	520V-650V	4000W	41m³/h	60m	3"	2m	<900V	≥1.3*PUMP POWER
4ADPC41-82-380/520-5500	AC380/DC520V	520V-650V	5500W	41m³/h	82m	3"	2m	<900V	≥1.3*PUMP POWER
4ADPC41-102-380/520-7500	AC380/DC520V	520V-650V	7500W	41m³/h	102m	3"	2m	<900V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4ADSC

4"AC/DC Brushless solar pump with S/S impeller



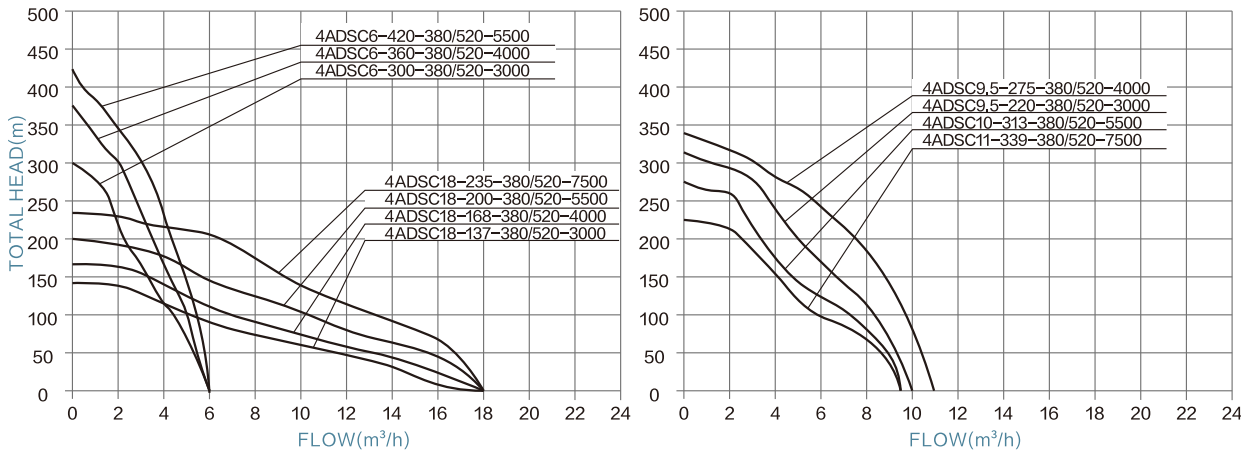
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADSC6-300-380/520-3000	AC380/DC520V	520V-650V	3000W	6m³/h	300m	1.25"	2m	<900V	≥1.3*PUMP POWER
4ADSC6-360-380/520-4000	AC380/DC520V	520V-650V	4000W	6m³/h	360m	1.25"	2m	<900V	≥1.3*PUMP POWER
4ADSC6-420-380/520-5500	AC380/DC520V	520V-650V	5500W	6m³/h	420m	1.25"	2m	<900V	≥1.3*PUMP POWER
4ADSC9.5-220-380/520-3000	AC380/DC520V	520V-650V	3000W	9.5m³/h	220m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC9.5-275-380/520-4000	AC380/DC520V	520V-650V	4000W	9.5m³/h	275m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC10-313-380/520-5500	AC380/DC520V	520V-650V	5500W	10m³/h	313m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC11-339-380/520-7500	AC380/DC520V	520V-650V	7500W	11m³/h	339m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC18-137-380/520-3000	AC380/DC520V	520V-650V	3000W	18m³/h	137m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC18-168-380/520-4000	AC380/DC520V	520V-650V	4000W	18m³/h	168m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC18-200-380/520-5500	AC380/DC520V	520V-650V	5500W	18m³/h	200m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC18-235-380/520-7500	AC380/DC520V	520V-650V	7500W	18m³/h	235m	2"	2m	<900V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



4ADSC

4"AC/DC Brushless solar pump with S/S impeller

4/6ADSC

6"AC/DC Brushless solar pump with S/S impeller



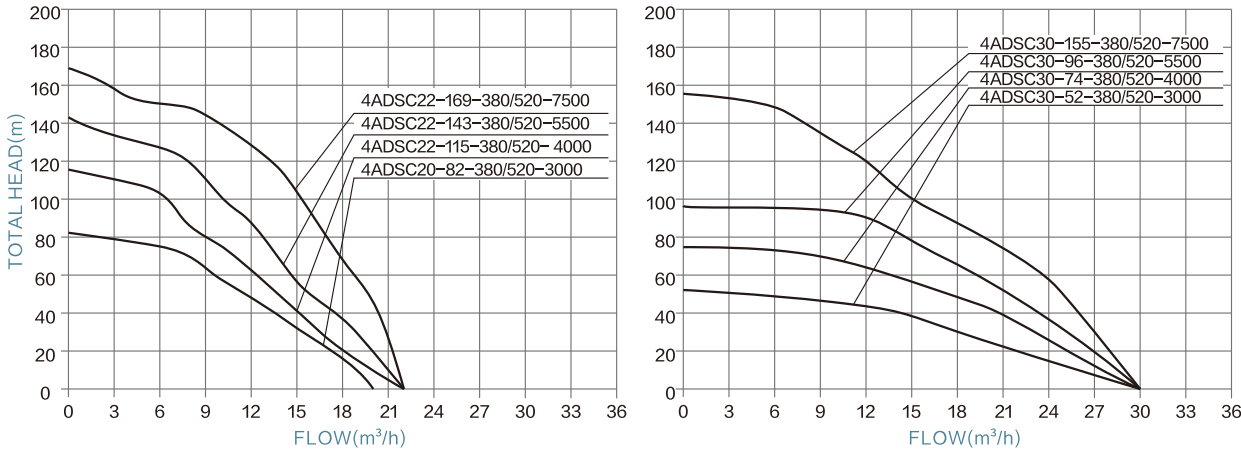
TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4ADSC20-82-380/520-3000	AC380/DC520V	520V-650V	3000W	20m³/h	82m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC22-115-380/520-4000	AC380/DC520V	520V-650V	4000W	22m³/h	115m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC22-143-380/520-5500	AC380/DC520V	520V-650V	5500W	22m³/h	143m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC22-169-380/520-7500	AC380/DC520V	520V-650V	7500W	22m³/h	169m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC30-52-380/520-3000	AC380/DC520V	520V-650V	3000W	30m³/h	52m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC30-74-380/520-4000	AC380/DC520V	520V-650V	4000W	30m³/h	74m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC30-96-380/520-5500	AC380/DC520V	520V-650V	5500W	30m³/h	96m	2"	2m	<900V	≥1.3*PUMP POWER
4ADSC30-155-380/520-7500	AC380/DC520V	520V-650V	7500W	30m³/h	155m	2"	2m	<900V	≥1.3*PUMP POWER

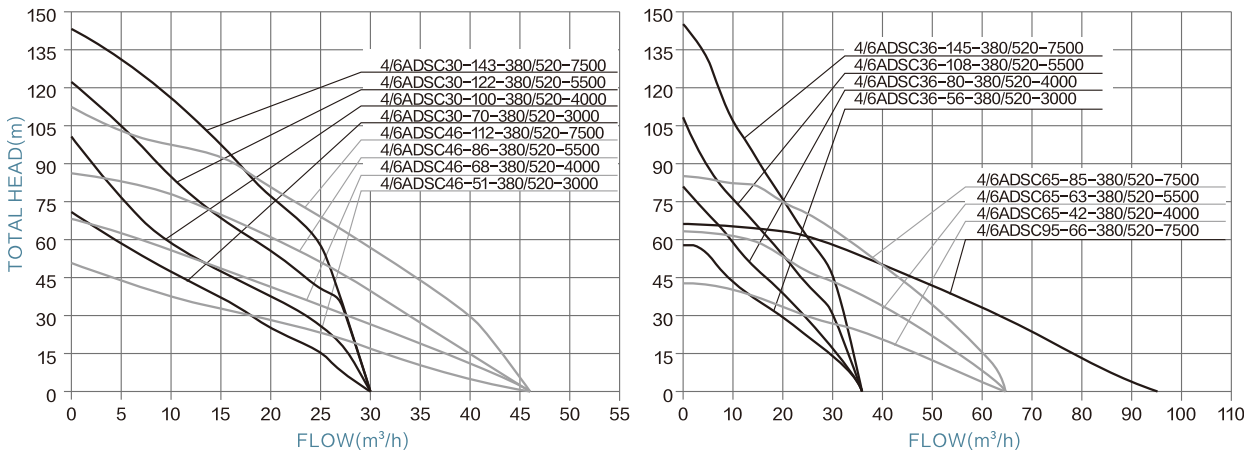
TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
4/6ADSC30-70-380/520-3000	AC380/DC520V	520V-650V	3000W	30m³/h	70m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC30-100-380/520-4000	AC380/DC520V	520V-650V	4000W	30m³/h	100m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC30-122-380/520-5500	AC380/DC520V	520V-650V	5500W	30m³/h	122m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC30-143-380/520-7500	AC380/DC520V	520V-650V	7500W	30m³/h	143m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC36-56-380/520-3000	AC380/DC520V	520V-650V	3000W	36m³/h	56m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC36-80-380/520-4000	AC380/DC520V	520V-650V	4000W	36m³/h	80m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC36-108-380/520-5500	AC380/DC520V	520V-650V	5500W	36m³/h	108m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC36-145-380/520-7500	AC380/DC520V	520V-650V	7500W	36m³/h	145m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC46-51-380/520-3000	AC380/DC520V	520V-650V	3000W	46m³/h	51m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC46-68-380/520-4000	AC380/DC520V	520V-650V	4000W	46m³/h	68m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC46-86-380/520-5500	AC380/DC520V	520V-650V	5500W	46m³/h	86m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC46-112-380/520-7500	AC380/DC520V	520V-650V	7500W	46m³/h	112m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC65-42-380/520-4000	AC380/DC520V	520V-650V	4000W	65m³/h	42m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC65-63-380/520-5500	AC380/DC520V	520V-650V	5500W	65m³/h	63m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC65-85-380/520-7500	AC380/DC520V	520V-650V	7500W	65m³/h	85m	3"	2m	<900V	≥1.3*PUMP POWER
4/6ADSC95-66-380/520-7500	AC380/DC520V	520V-650V	7500W	95m³/h	66m	4"	2m	<900V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES

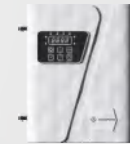


HYDRAULIC PERFORMANCE CURVES



6ADPC(5.5KW-22KW)

6"AC/DC Brushless solar pump with plastic impeller



AC/DC auto-switching controller (5.5KW-22KW)

FREE SPARE PARTS



6/8ADPC(7.5KW-22KW)

6/8"AC/DC Brushless solar pump with plastic impeller



AC/DC auto-switching controller (5.5KW-22KW)

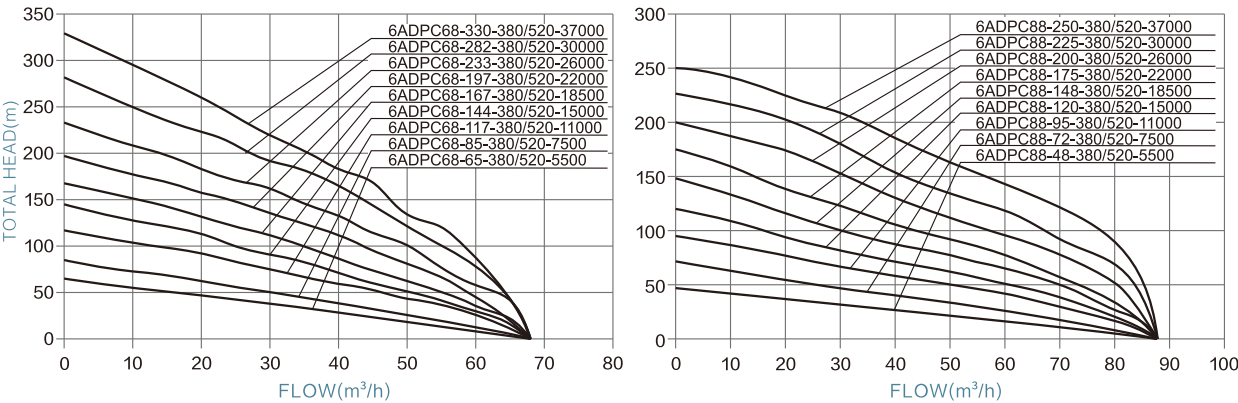
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
6ADPC68-65-380/520-5500	AC380/DC520V	520V-650V	5500W	68m³/h	65m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC68-85-380/520-7500	AC380/DC520V	520V-650V	7500W	68m³/h	85m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC68-117-380/520-11000	AC380/DC520V	520V-650V	11000W	68m³/h	117m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC68-144-380/520-15000	AC380/DC520V	520V-650V	15000W	68m³/h	144m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC68-167-380/520-18500	AC380/DC520V	520V-650V	18500W	68m³/h	167m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC68-197-380/520-22000	AC380/DC520V	520V-650V	22000W	68m³/h	197m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC68-233-380/520-26000	AC380/DC520V	520V-650V	26000W	68m³/h	233m	3"	2.5m	<900V	≥ 1.3*PUMP POWER
6ADPC68-282-380/520-30000	AC380/DC520V	520V-650V	30000W	68m³/h	282m	3"	2.5m	<900V	≥ 1.3*PUMP POWER
6ADPC68-330-380/520-37000	AC380/DC520V	520V-650V	37000W	68m³/h	330m	3"	2.5m	<900V	≥ 1.3*PUMP POWER
6ADPC88-48-380/520-5500	AC380/DC520V	520V-650V	5500W	88m³/h	48m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-72-380/520-7500	AC380/DC520V	520V-650V	7500W	88m³/h	72m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-95-380/520-11000	AC380/DC520V	520V-650V	11000W	88m³/h	95m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-120-380/520-15000	AC380/DC520V	520V-650V	15000W	88m³/h	120m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-148-380/520-18500	AC380/DC520V	520V-650V	18500W	88m³/h	148m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-175-380/520-22000	AC380/DC520V	520V-650V	22000W	88m³/h	175m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-200-380/520-26000	AC380/DC520V	520V-650V	26000W	88m³/h	200m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-225-380/520-30000	AC380/DC520V	520V-650V	30000W	88m³/h	225m	3"	2m	<900V	≥ 1.3*PUMP POWER
6ADPC88-250-380/520-37000	AC380/DC520V	520V-650V	37000W	88m³/h	250m	3"	2m	<900V	≥ 1.3*PUMP POWER

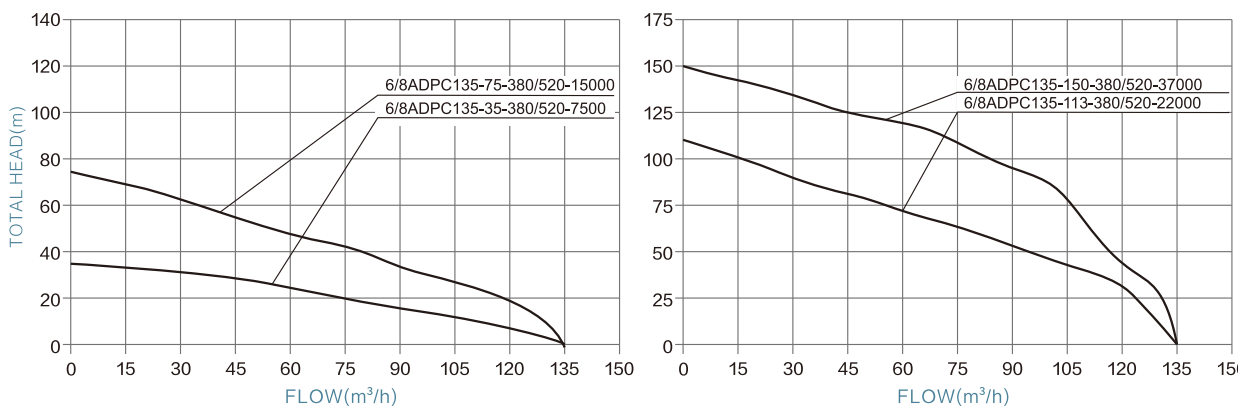
HYDRAULIC PERFORMANCE CURVES



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
6/8ADPC135-35-380/520-7500	AC380/DC520V	520V-650V	7500W	135m³/h	35m	4"	2m	<900V	≥ 1.3*PUMP POWER
6/8ADPC135-75-380/520-15000	AC380/DC520V	520V-650V	15000W	135m³/h	75m	4"	2m	<900V	≥ 1.3*PUMP POWER
6/8ADPC135-113-380/520-22000	AC380/DC520V	520V-650V	22000W	135m³/h	113m	4"	2m	<900V	≥ 1.3*PUMP POWER
6/8ADPC135-150-380/520-37000	AC380/DC520V	520V-650V	37000W	135m³/h	150m	4"	2m	<900V	≥ 1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



6ADSC
6"AC/DC Brushless solar pump with
S/S impeller



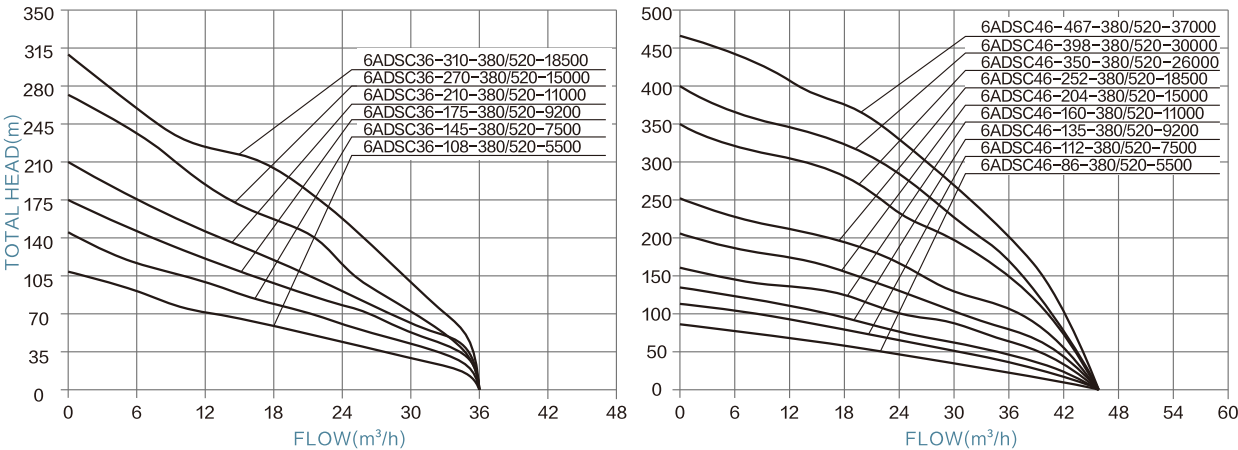
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
6ADSC36-108-380/520-5500	AC380/DC520V	520V-650V	5500W	36m³/h	108m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC36-145-380/520-7500	AC380/DC520V	520V-650V	7500W	36m³/h	145m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC36-175-380/520-9200	AC380/DC520V	520V-650V	9200W	36m³/h	175m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC36-210-380/520-11000	AC380/DC520V	520V-650V	11000W	36m³/h	210m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC36-270-380/520-15000	AC380/DC520V	520V-650V	15000W	36m³/h	270m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC36-310-380/520-18500	AC380/DC520V	520V-650V	18500W	36m³/h	310m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-86-380/520-5500	AC380/DC520V	520V-650V	5500W	46m³/h	86m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-112-380/520-7500	AC380/DC520V	520V-650V	7500W	46m³/h	112m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-135-380/520-9200	AC380/DC520V	520V-650V	9200W	46m³/h	135m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-160-380/520-11000	AC380/DC520V	520V-650V	11000W	46m³/h	160m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-204-380/520-15000	AC380/DC520V	520V-650V	15000W	46m³/h	204m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-252-380/520-18500	AC380/DC520V	520V-650V	18500W	46m³/h	252m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-350-380/520-26000	AC380/DC520V	520V-650V	26000W	46m³/h	350m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-398-380/520-30000	AC380/DC520V	520V-650V	30000W	46m³/h	398m	3"	2m	<900V	≥1.3*PUMP POWER
6ADSC46-467-380/520-37000	AC380/DC520V	520V-650V	37000W	46m³/h	467m	3"	2m	<900V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



6ADSC
6"AC/DC Brushless solar pump with
S/S impeller



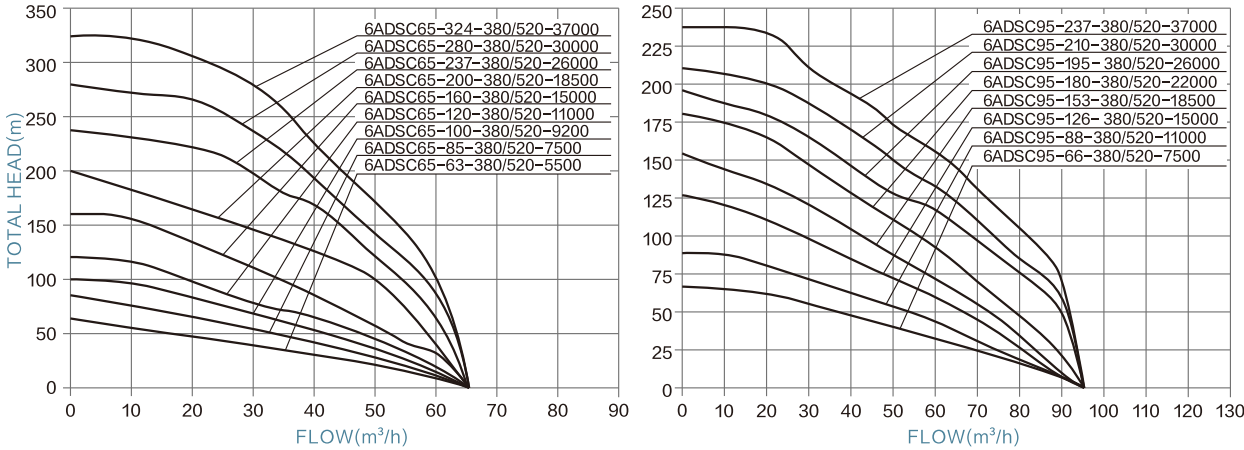
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
6ADSC65-63-380/520-5500	AC380/DC520V	520V-650V	5500W	65m³/h	63m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC65-85-380/520-7500	AC380/DC520V	520V-650V	7500W	65m³/h	85m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC65-100-380/520-9200	AC380/DC520V	520V-650V	9200W	65m³/h	100m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC65-120-380/520-11000	AC380/DC520V	520V-650V	11000W	65m³/h	120m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC65-160-380/520-15000	AC380/DC520V	520V-650V	15000W	65m³/h	160m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC65-200-380/520-18500	AC380/DC520V	520V-650V	18500W	65m³/h	200m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC65-237-380/520-26000	AC380/DC520V	520V-650V	26000W	65m³/h	237m	4"	2.5m	<800V	≥1.3*PUMP POWER
6ADSC65-280-380/520-30000	AC380/DC520V	520V-650V	30000W	65m³/h	280m	4"	2.5m	<800V	≥1.3*PUMP POWER
6ADSC65-324-380/520-37000	AC380/DC520V	520V-650V	37000W	65m³/h	324m	4"	2.5m	<800V	≥1.3*PUMP POWER
6ADSC95-66-380/520-7500	AC380/DC520V	520V-650V	7500W	95m³/h	66m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC95-88-380/520-11000	AC380/DC520V	520V-650V	11000W	95m³/h	88m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC95-126-380/520-15000	AC380/DC520V	520V-650V	15000W	95m³/h	126m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC95-153-380/520-18500	AC380/DC520V	520V-650V	18500W	95m³/h	153m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC95-180-380/520-22000	AC380/DC520V	520V-650V	22000W	95m³/h	180m	4"	2m	<900V	≥1.3*PUMP POWER
6ADSC95-195-380/520-26000	AC380/DC520V	520V-650V	26000W	95m³/h	195m	4"	2.5m	<800V	≥1.3*PUMP POWER
6ADSC95-210-380/520-30000	AC380/DC520V	520V-650V	30000W	95m³/h	210m	4"	2.5m	<800V	≥1.3*PUMP POWER
6ADSC95-237-380/520-37000	AC380/DC520V	520V-650V	37000W	95m³/h	237m	4"	2.5m	<800V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



6ADSC & 6/8ADSC

6"AC/DC Brushless solar pump with S/S impeller



Stainless steel Impeller



NSK Bearing



AC/DC auto-switching controller (5.5KW-22KW)



AC/DC controller (26KW-37KW)

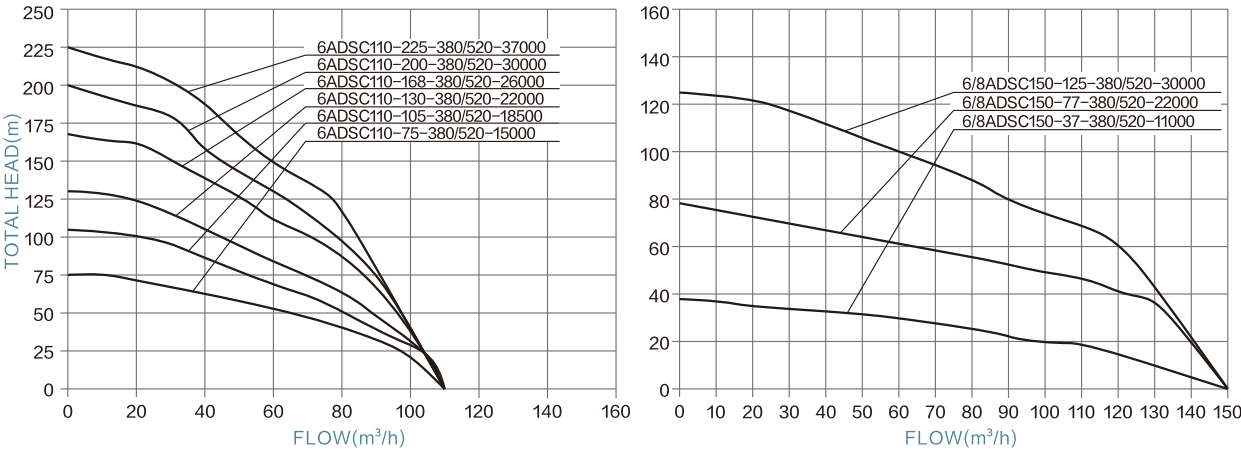
FREE SPARE PARTS



TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
6ADSC110-75-380/520-15000	AC380/DC520V	520V-650V	15000W	110m³/h	75m	4"	2m	< 900V	≥1.3*PUMP POWER
6ADSC110-105-380/520-18500	AC380/DC520V	520V-650V	18500W	110m³/h	105m	4"	2m	< 900V	≥1.3*PUMP POWER
6ADSC110-130-380/520-22000	AC380/DC520V	520V-650V	22000W	110m³/h	130m	4"	2m	< 900V	≥1.3*PUMP POWER
6ADSC110-168-380/520-26000	AC380/DC520V	520V-650V	26000W	110m³/h	168m	4"	2.5m	< 800V	≥1.3*PUMP POWER
6ADSC110-200-380/520-30000	AC380/DC520V	520V-650V	30000W	110m³/h	200m	4"	2.5m	< 800V	≥1.3*PUMP POWER
6ADSC110-225-380/520-37000	AC380/DC520V	520V-650V	37000W	110m³/h	225m	4"	2.5m	< 800V	≥1.3*PUMP POWER
6/8ADSC150-37-380/520-11000	AC380/DC520V	520V-650V	11000W	150m³/h	37m	4"	2m	< 900V	≥1.3*PUMP POWER
6/8ADSC150-77-380/520-22000	AC380/DC520V	520V-650V	22000W	150m³/h	77m	4"	2m	< 900V	≥1.3*PUMP POWER
6/8ADSC150-125-380/520-30000	AC380/DC520V	520V-650V	30000W	150m³/h	125m	4"	2.5m	< 800V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



AC/DC HYBRID SOLAR DEEP WELL PUMP



EDWIN

SOLAR SURFACE PUMP

Environmental protection and energy saving



ESU&ADSU

DC and AC/DC Wide voltage brushless centrifugal solar pump



DC controller



AC/DC auto-switching controller (≤2.2KW)



Wide Voltage HV Controller (≤2.2KW)

FREE SPARE PARTS

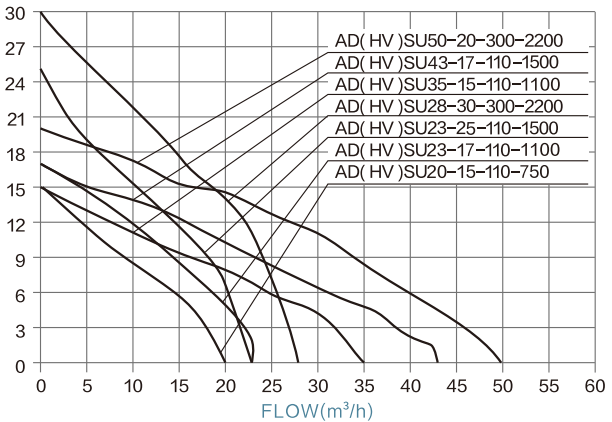
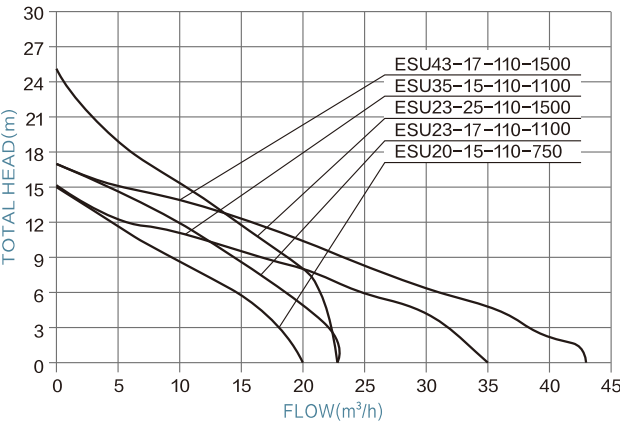


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
ESU20-15-110-750	110V	110V-150V	750W	20m³/h	15m	2"	0.6m	<220V	≥1.3*PUMP POWER
ESU23-17-110-1100	110V	110V-150V	1100W	23m³/h	17m	2"	0.6m	<220V	≥1.3*PUMP POWER
ESU23-25-110-1500	110V	110V-150V	1500W	23m³/h	25m	2"	0.6m	<220V	≥1.3*PUMP POWER
ESU35-15-110-1100	110V	110V-150V	1100W	35m³/h	15m	3"	0.6m	<220V	≥1.3*PUMP POWER
ESU43-17-110-1500	110V	110V-150V	1500W	43m³/h	17m	3"	0.6m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
AD(HV)SU20-15-110-750	85V-280V(/)	110V-350V	750W	20m³/h	15m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SU23-17-110-1100	85V-280V(/)	110V-350V	1100W	23m³/h	17m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SU23-25-110-1500	85V-280V(/)	110V-350V	1500W	23m³/h	25m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SU28-30-300-2200	85V-280V(/)	300V-350V	2200W	28m³/h	30m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SU35-15-110-1100	85V-280V(/)	110V-350V	1100W	35m³/h	15m	3"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SU43-17-110-1500	85V-280V(/)	300V-350V	1500W	43m³/h	17m	3"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SU50-20-300-2200	85V-280V(/)	300V-350V	2200W	50m³/h	20m	3"	0.6m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



ECPM&ADCPM

DC and AC/DC Brushless centrifugal solar pump



DC controller



AC/DC auto-switching controller (≤2.2KW)



Wide Voltage HV Controller (≤2.2KW)

FREE SPARE PARTS

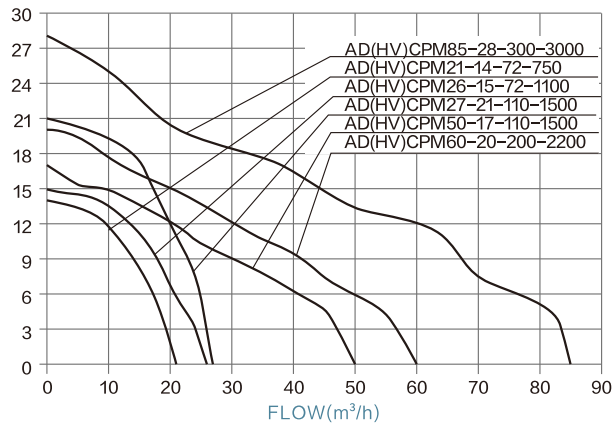
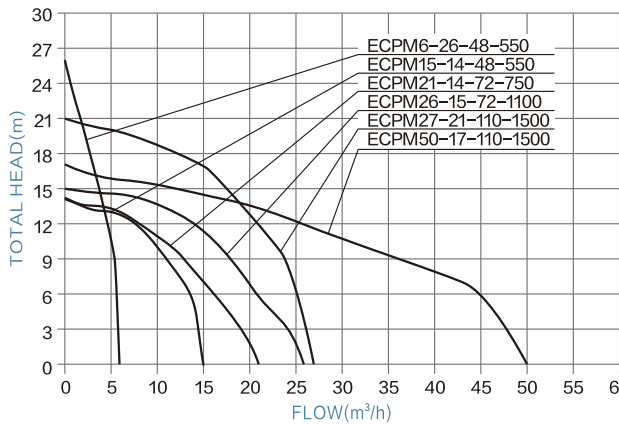


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
ECPM6-26-48-550	48V	60-90V	550W	6m³/h	26m	1"	0.6m	<120V	≥1.3*PUMP POWER
ECPM15-14-48-550	48V	60-90V	550W	15m³/h	14m	1.5"	0.6m	<120V	≥1.3*PUMP POWER
ECPM21-14-72-750	72V	90-120V	750W	21m³/h	14m	2"	0.6m	<170V	≥1.3*PUMP POWER
ECPM26-15-72-1100	72V	90-120V	1100W	26m³/h	15m	2"	0.6m	<170V	≥1.3*PUMP POWER
ECPM27-21-110-1500	110V	110-150V	1500W	27m³/h	21m	2"	0.6m	<220V	≥1.3*PUMP POWER
ECPM50-17-110-1500	110V	110-150V	1500W	50m³/h	17m	3"	0.6m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
AD(HV)CPM21-14-72-750	85V-280V(/)	100V-350V	750W	21m³/h	14m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)CPM26-15-72-1100	85V-280V(/)	100V-350V	1100W	26m³/h	15m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)CPM27-21-110-1500	85V-280V(/)	110V-350V	1500W	27m³/h	21m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)CPM50-17-110-1500	85V-280V(/)	110V-350V	1500W	50m³/h	17m	3"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)CPM60-20-200-2200	85V-280V(/)	200V-350V	2200W	60m³/h	20m	4"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)CPM85-28-300-3000	85V-280V(/)	300V-350V	3000W	85m³/h	28m	5"	0.6m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



EZB & ADZB

DC and AC/DC Brushless surface solar pump



DC controller



AC/DC auto-switching controller (≤2.2KW)

FREE SPARE PARTS

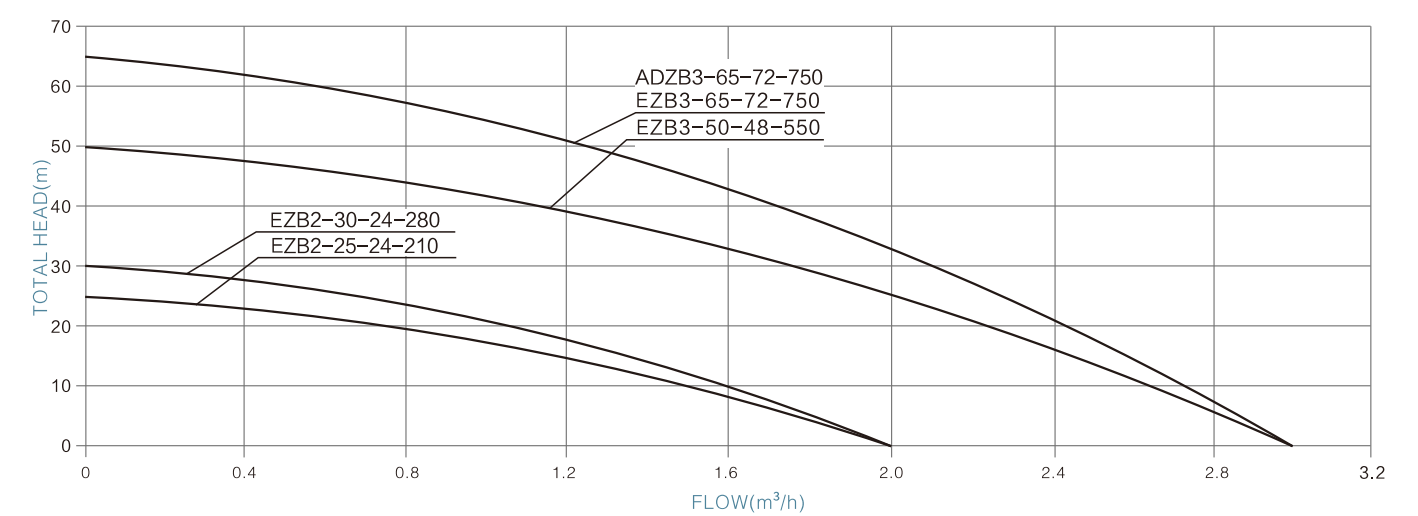


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
EZB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1 × 1"	2m	<60V	≥1.3*PUMP POWER
EZB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1 × 1"	2m	<60V	≥1.3*PUMP POWER
EZB3-50-48-550	48V	60V-90V	550W	3m³/h	50m	1 × 1"	2m	<120V	≥1.3*PUMP POWER
EZB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1 × 1"	2m	<170V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
ADZB3-65-72-750	85V-280V	100V-350V	750W	3m³/h	65m	1"x1"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



EQB &ADQB

DC and AC/DC Brushless surface solar pump



DC controller



AC/DC auto-switching controller (≤2.2KW)

FREE SPARE PARTS

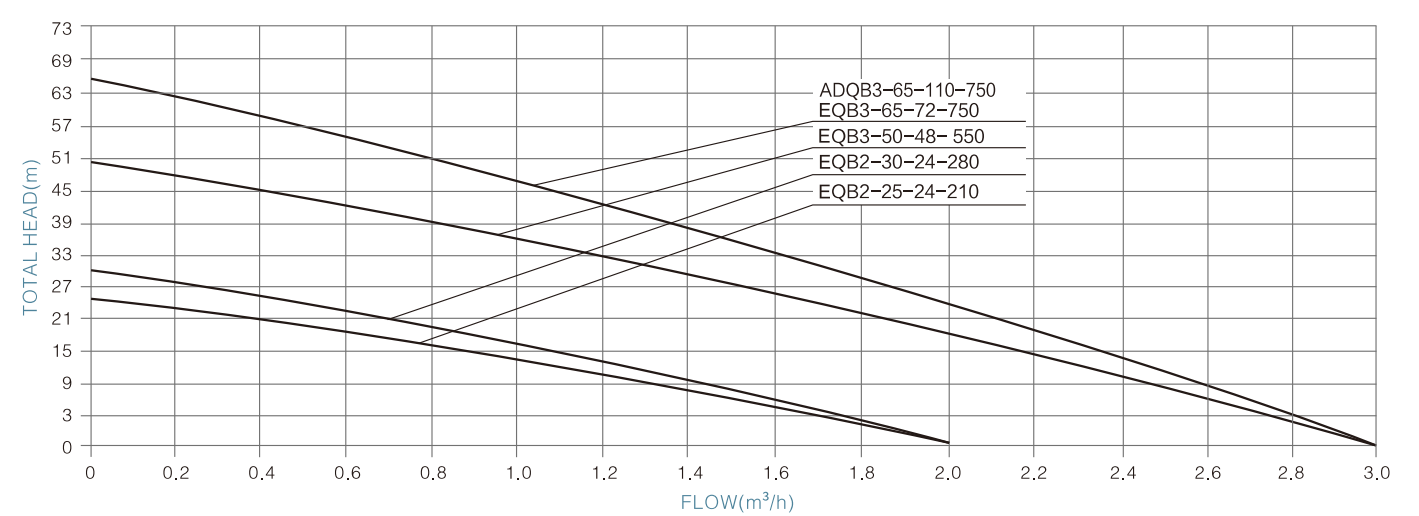


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
EQB2-25-24-210	24V	30V-48V	210W	2m³/h	25m	1 × 1"	2m	<60V	≥1.3*PUMP POWER
EQB2-30-24-280	24V	30V-48V	280W	2m³/h	30m	1 × 1"	2m	<60V	≥1.3*PUMP POWER
EQB3-50-48- 550	48V	60V-90V	550W	3m³/h	50m	1 × 1"	2m	<120V	≥1.3*PUMP POWER
EQB3-65-72-750	72V	90V-120V	750W	3m³/h	65m	1 × 1"	2m	<170V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
ADQB3-65-110-750	85V-280V	110V-350V	750W	3m³/h	65m	1 × 1"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



ESN & ADSN

DC & AC/DC &Wide voltage brushless centrifugal solar pump

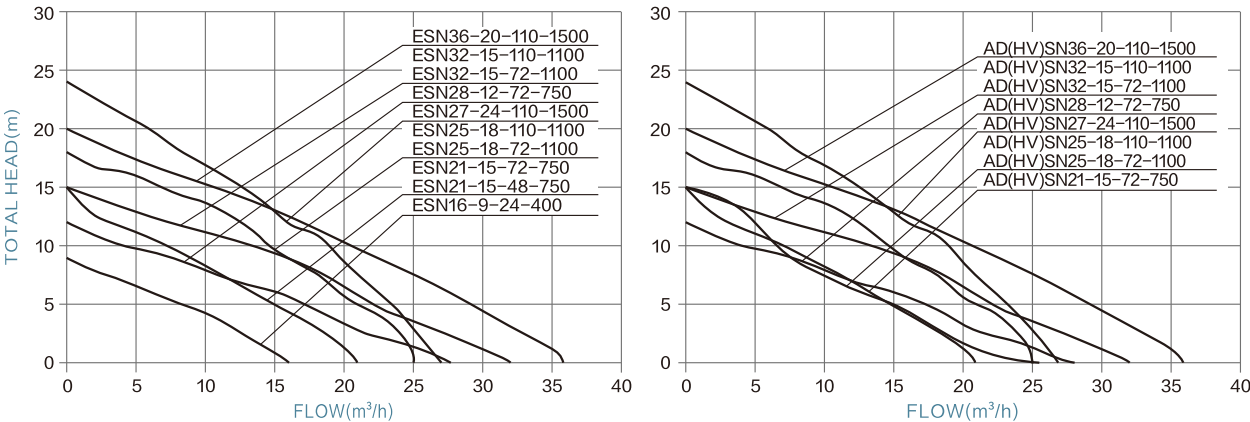


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
ESN16-9-24-400	24V	30V-48V	400W	16m³/h	9m	2"	0.6m	<60V	≥1.3*PUMP POWER
ESN21-15-48-750	48V	60V-90V	750W	21m³/h	15m	2"	0.6m	<120V	≥1.3*PUMP POWER
ESN21-15-72-750	72V	90V-120V	750W	21m³/h	15m	2"	0.6m	<170V	≥1.3*PUMP POWER
ESN25-18-72-1100	72V	90V-120V	1100W	25m³/h	18m	2"	0.6m	<170V	≥1.3*PUMP POWER
ESN25-18-110-1100	110V	110V-150V	1100W	25m³/h	18m	2"	0.6m	<220V	≥1.3*PUMP POWER
ESN27-24-110-1500	110V	110V-150V	1500W	27m³/h	24m	2"	0.6m	<220V	≥1.3*PUMP POWER
ESN28-12-72-750	72V	90V-120V	750W	28m³/h	12m	3"	0.6m	<170V	≥1.3*PUMP POWER
ESN32-15-72-1100	72V	90V-120V	1100W	32m³/h	15m	3"	0.6m	<170V	≥1.3*PUMP POWER
ESN32-15-110-1100	110V	110V-150V	1100W	32m³/h	15m	3"	0.6m	<220V	≥1.3*PUMP POWER
ESN36-20-110-1500	110V	110V-150V	1500W	36m³/h	20m	3"	0.6m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
AD(HV)SN21-15-72-750	85V-280V(I)	100V-350V	750W	21m³/h	15m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SN25-18-72-1100	85V-280V(I)	100V-350V	1100W	25m³/h	18m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SN25-18-110-1100	85V-280V(I)	110V-350V	1100W	25m³/h	18m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SN27-24-110-1500	85V-280V(I)	110V-350V	1500W	27m³/h	24m	2"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SN28-12-72-750	85V-280V(I)	100V-350V	750W	28m³/h	12m	3"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SN32-15-72-1100	85V-280V(I)	100V-350V	1100W	32m³/h	15m	3"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SN32-15-110-1100	85V-280V(I)	110V-350V	1100W	32m³/h	15m	3"	0.6m	<450V	≥1.3*PUMP POWER
AD(HV)SN36-20-110-1500	85V-280V(I)	110V-350V	1500W	36m³/h	20m	3"	0.6m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



EJET & ADJET

DC and AC/DC Brushless surface solar pump

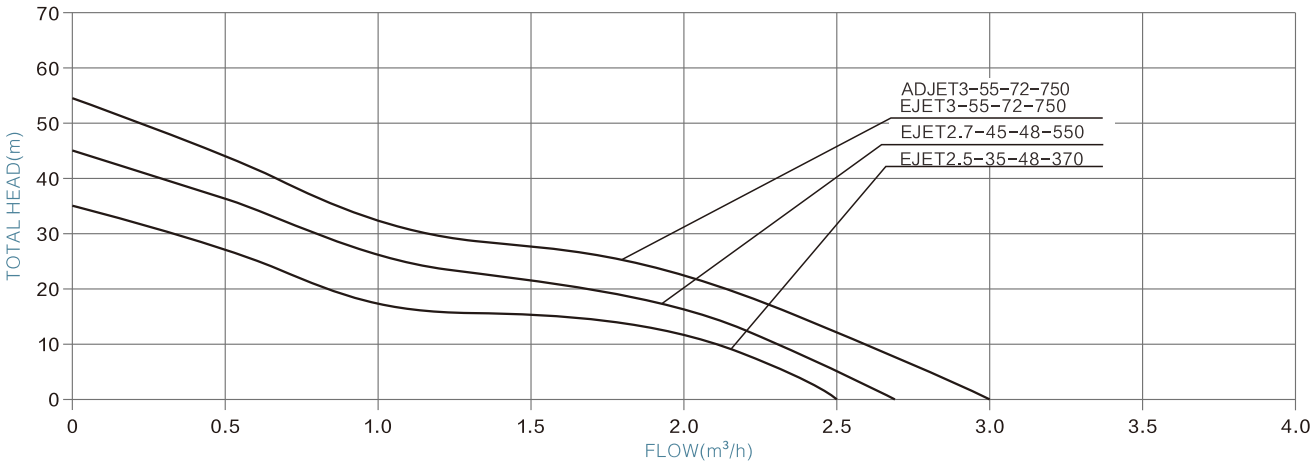


TECHNICAL DATA

ITEM	Voltage	Best DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
EJET2.5-35-48-370	48V	60V-90V	370W	2.5m³/h	35m	1"x1"	2m	<120V	≥1.3*PUMP POWER
EJET2.7-45-48-550	48V	60V-90V	550W	2.7m³/h	45m	1"x1"	2m	<120V	≥1.3*PUMP POWER
EJET3.0-55-72-750	72V	90V-120V	750W	3m³/h	55m	1"x1"	2m	<170V	≥1.3*PUMP POWER

ITEM	AC Voltage	DC Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
ADJET3-55-72-750	85V-280V	100V-350V	750W	3m³/h	55m	1"x1"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



EQD & ADQD

DC and AC/DC Submersible solar pump



FREE SPARE PARTS

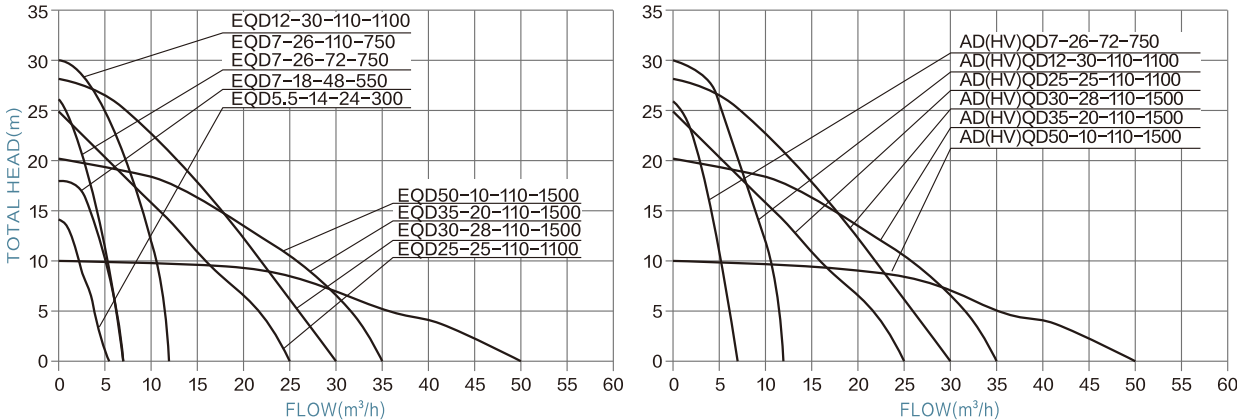


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
EQD5.5-14-24-300	24V	30V-48V	300W	5.5m³/h	14m	1"	5m	<60V	≥1.3*PUMP POWER
EQD7-18-48-550	48V	60V-90V	550W	7m³/h	18m	1"	5m	<120V	≥1.3*PUMP POWER
EQD7-26-72-750	72V	90V-120V	750W	7m³/h	26m	1"	5m	<170V	≥1.3*PUMP POWER
EQD7-26-110-750	110V	110V-150V	750W	7m³/h	26m	1"	5m	<220V	≥1.3*PUMP POWER
EQD12-30-110-1100	110V	110V-150V	1100W	12m³/h	30m	1.5"	5m	<220V	≥1.3*PUMP POWER
EQD25-25-110-1100	110V	110V-150V	1100W	25m³/h	25m	2"	5m	<220V	≥1.3*PUMP POWER
EQD30-28-110-1500	110V	110V-150V	1500W	30m³/h	28m	2"	5m	<220V	≥1.3*PUMP POWER
EQD35-20-110-1500	110V	110V-150V	1500W	35m³/h	20m	2"	5m	<220V	≥1.3*PUMP POWER
EQD50-10-110-1500	110V	110V-150V	1500W	50m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
AD(HV)QD7-26-72-750	85V-280V	100V-350V	750W	7m³/h	26m	1"	5m	<450V	≥1.3*PUMP POWER
AD(HV)QD12-30-110-1100	85V-280V	110V-350V	1100W	12m³/h	30m	1.5"	5m	<450V	≥1.3*PUMP POWER
AD(HV)QD25-25-110-1100	85V-280V	110V-350V	1100W	25m³/h	25m	2"	5m	<450V	≥1.3*PUMP POWER
AD(HV)QD30-28-110-1500	85V-280V	110V-350V	1500W	30m³/h	28m	2"	5m	<450V	≥1.3*PUMP POWER
AD(HV)QD35-20-110-1500	85V-280V	110V-350V	1500W	35m³/h	20m	2.5"	5m	<450V	≥1.3*PUMP POWER
AD(HV)QD50-10-110-1500	85V-280V	110V-350V	1500W	50m³/h	10m	3"	5m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



EWQD & ADWQD

DC and AC/DC Submersible solar pump



FREE SPARE PARTS

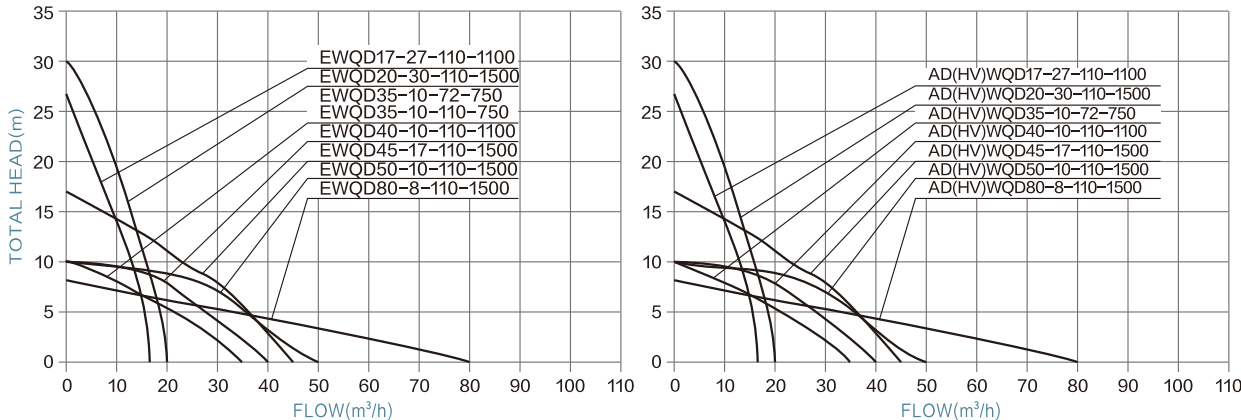


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								open voltage	Power
EWQD17-27-110-1100	110V	110V-150V	1100W	17m³/h	27m	2"	5m	<220V	≥1.3*PUMP POWER
EWQD20-30-110-1500	110V	110V-150V	1500W	20m³/h	30m	2"	5m	<220V	≥1.3*PUMP POWER
EWQD35-10-72-750	72V	90V-120V	750W	35m³/h	10m	3"	5m	<170V	≥1.3*PUMP POWER
EWQD35-10-110-750	110V	110V-150V	750W	35m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER
EWQD40-10-110-1100	110V	110V-150V	1100W	40m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER
EWQD45-17-110-1500	110V	110V-150V	1500W	45m³/h	17m	3"	5m	<220V	≥1.3*PUMP POWER
EWQD50-10-110-1500	110V	110V-150V	1500W	50m³/h	10m	3"	5m	<220V	≥1.3*PUMP POWER
EWQD80-8-110-1500	110V	110V-150V	1500W	80m³/h	8m	4"	5m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
AD(HV)WQD17-27-110-1100	85V-280V	110V-350V	1100W	17m³/h	27m	2"	5m	<450V	≥1.3*PUMP POWER
AD(HV)WQD20-30-110-1500	85V-280V	110V-350V	1500W	20m³/h	30m	2"	5m	<450V	≥1.3*PUMP POWER
AD(HV)WQD35-10-72-750	85V-280V	100V-350V	750W	35m³/h	10m	3"	5m	<450V	≥1.3*PUMP POWER
AD(HV)WQD40-10-110-1100	85V-280V	110V-350V	1100W	40m³/h	10m	3"	5m	<450V	≥1.3*PUMP POWER
AD(HV)WQD45-17-110-1500	85V-280V	110V-350V	1500W	45m³/h	17m	3"	5m	<450V	≥1.3*PUMP POWER
AD(HV)WQD50-10-110-1500	85V-280V	110V-350V	1500W	50m³/h	10m	3"	5m	<450V	≥1.3*PUMP POWER
AD(HV)WQD80-8-110-1500	85V-280V	110V-350V	1500W	80m³/h	8m	4"	5m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



ELP & ADLP

DC and AC/DC Brushless swimming pool solar pump



DC controller



AC/DC auto-switching controller (≤2.2KW)

FREE SPARE PARTS

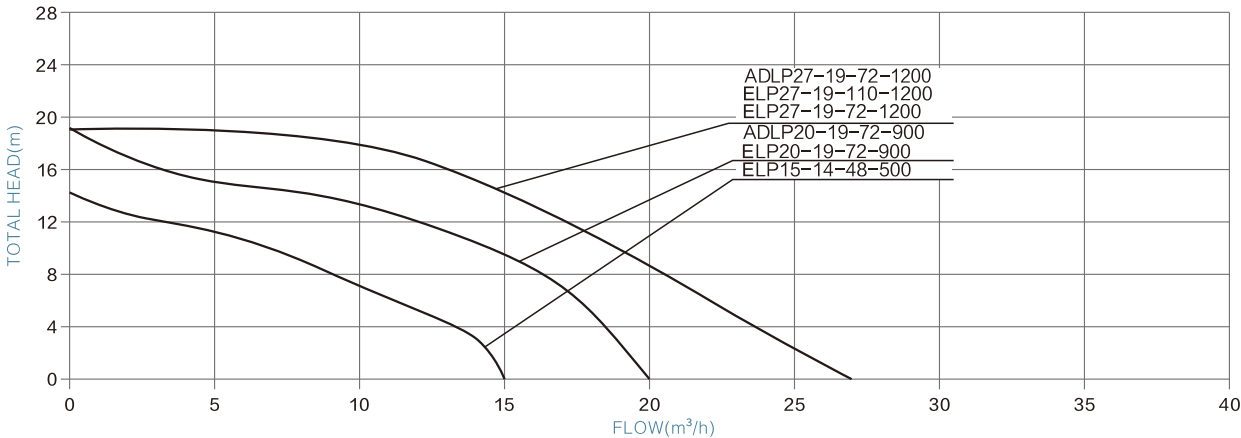


TECHNICAL DATA

ITEM	Voltage	Optimum input voltage (DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
ELP15-14-48-500	48V	60V-90V	500W	15m³/h	14m	2×2"	2m	<120V	≥1.3*PUMP POWER
ELP20-19-72-900	72V	90V-120V	900W	20m³/h	19m	2×2"	2m	<170V	≥1.3*PUMP POWER
ELP27-19-72-1200	72V	90V-120V	1200W	27m³/h	19m	3×3"	2m	<170V	≥1.3*PUMP POWER
ELP27-19-110-1200	110V	110V-150V	1200W	27m³/h	19m	3×3"	2m	<220V	≥1.3*PUMP POWER

ITEM	(AC) Voltage	(DC) Voltage	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
								Open circuit voltage(VOC)	Power
ADLP20-19-72-900	85V-280V	100V-350V	900W	20m³/h	19m	2X2"	2m	<450V	≥1.3*PUMP POWER
ADLP27-19-72-1200	85V-280V	100V-350V	1200W	27m³/h	19m	3X3"	2m	<450V	≥1.3*PUMP POWER

HYDRAULIC PERFORMANCE CURVES



SOLAR AERATOR

Brushless solar pump



Solar Aerator



Solar air oxygenator



DC controller



AC/DC auto-switching controller (≤2.2KW)



Solar Paddle Wheel Aerator



Solar Impeller Aerator

SOLAR AERATOR

ITEM	Voltage	Best input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Solar panel	
							Open circuit voltage(VOC)	Power
ESA15-4.5-48-370	48V	60V-90V	370W	15m³/h	4.5m	3"	<120V	≥1.3*PUMP POWER
ESA25-5-48-750	48V	60V-90V	750W	25m³/h	5m	3"	<120V	≥1.3*PUMP POWER
ESA30-7-72-1100	72V	90V-120V	1100w	30m³/h	7m	3"	<170V	≥1.3*PUMP POWER
ESA40-6-110-1500	110V	110V-150V	1500W	40m³/h	6m	3"	<220V	≥1.3*PUMP POWER
ADESA55-5-300-2200	AC220/DC300V	300V-400V	2200W	55m³/h	5m	4"	<450V	≥1.3*PUMP POWER

SOLAR AIR OXYGENATOR

ITEM	Voltage	Best input voltage(DC)	Power	Oxygenation rate(kg/h)	Covering Area(m²)	Solar panel	
						Open circuit voltage(VOC)	Power
ESAO-48-750	48V	60V-90V	750W	≥1.1	666-2000	<120V	≥1.3*PUMP POWER
ESAO-110-1500	110V	110V-150V	1500W	≥2.3	2000-4000	<220V	≥1.3*PUMP POWER
ESAO-300-2200	AC220/DC300V	300V-400V	2200W	≥3.4	2665-5328	<450V	≥1.3*PUMP POWER

SOLAR PADDLE WHEEL AERATOR

ITEM	Voltage	Best input voltage(DC)	Power	Oxygenation rate(kg/h)	Covering Area(m²)	Impeller quantity	Solar panel	
							Open circuit voltage(VOC)	Power
ESWA2-48-750	48V	60V-90V	750W	>1.1	666-3330	2	<120V	≥1.3*PUMP POWER
ESWA4-110-1500	110V	110V-150V	1500W	>1.9	2000-6660	4	<220V	≥1.3*PUMP POWER
ADSWA6-300-2200	AC220/DC300V	300V-400V	2200W	>2.0	2665-8000	6	<450V	≥1.3*PUMP POWER

SOLAR IMPELLER AERATOR

ITEM	Voltage	Best input voltage (DC)	Power	Oxygenation rate(kg/h)	Covering Area(m²)	Solar panel	
						Open circuit voltage(VOC)	Power
ESIA-48-750	48V	60V-90V	750W	≥1.1	666-2000	<120V	≥1.3*PUMP POWER
ESIA-72-1100	72V	90V-120V	1100W	≥1.6	2000-2665	<170V	≥1.3*PUMP POWER
ESIA-110-1500	110V	110V-150V	1500W	≥2.3	2000-4000	<220V	≥1.3*PUMP POWER
ADSIA-300-2200	AC220/DC300V	300V-400V	2200W	≥3.4	2665-5328	<450V	≥1.3*PUMP POWER

AC/DC auto-switching controller (≤2.2KW)

Switch the if the DC and AC automaticly. If the voltage is lower than the set value,it will automatically switch to AC.

- Available for: AC/DC pump which power less than or equal 2.2 KW
- Size: 24x23.5 x 11 cm
- Weight: 2.3 kg

Wide voltage HV controller (≤2.2KW)

Wide voltage controller, DC only.

- Available for: All AC/DC pumps, except 3KW~4KW
- Size : 24.3 x 23.5 x 11 cm
- Weight: 2.2 kg

AC/DC auto-switching controller (3KW~4KW)

Switch the if the DC and AC automaticly.

- Available for: AC/DC pumps which power over 2.2KW
- Size: 32x23 x 11 cm
- Weight: 2.5 kg

Wide voltage HV controller (3KW)

Wide voltage controller, DC only.

- Available for: All AC/DC pumps, except 3KW
- Size: 29x23 x 11 cm
- Weight: 2.4 kg

AC/DC controller (4KW)

Switch the if the DC and AC.

- Suitable for: AC/DC pump 4KW
- Size: 30.5 x 25.5 x 16 cm
- Weight: 5.4 kg

AC/DC auto-switching controller (5.5KW~22KW)

Switch the if the DC and AC automaticly.

- Suitable for: ① AC/DC pump 5.5~13KW
② AC/DC pump 15~22KW
- Size: ① 30.5 x 25.5 x 16 cm
② 37 x 28.5 x 16.5 cm
- Weight: ① 5.5 kg
② 8.4 kg

DC controller

Normal DC controller, DC only.

- Available for: 2/3/4EPC, 4ELR
2/3/4ESS, 3/4/6ESC
- Size: 23.8 x 18 x 9.5 cm
- Weight: 1.5 kg

AC/DC controller (4KW)

Switch the if the DC and AC.

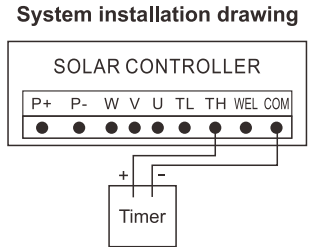
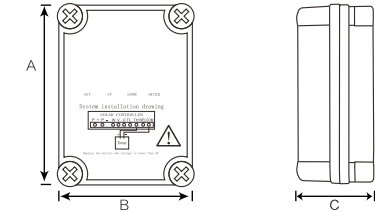
- Suitable for: AC/DC pump 26~37KW
- Size: 45 x 24.5 x 22 cm
- Weight: 17.8 kg

WORKING ENVIRONMENT AND ELECTRICAL PROPERTY

Controller and Pump Matching Method					
Controller Model	Adaptable Pump	Max.Input Current (A)	Max.Open Circuit Voltage (V)	Optimum MPPT Voltage(v)	Working Temperature (°C)
E-12	Rated 12V Pump	17	<60	30~48	-15 ~ 60
E-24	Rated 24V Pump	17	<60	30~48	-15 ~ 60
E-36	Rated 36V Pump	17	<60	30~48	-15 ~ 60
E-48	Rated 48V Pump	17	<120	60~90	-15 ~ 60
E-72	Rated 72V Pump	17	<170	90~120	-15 ~ 60
E-110	Rated 110V Pump	17	<220	110~150	-15 ~ 60
E-72-A/D	Rated 72V-A/D Pump	17	<450	100~350	-15 ~ 60
E-110-A/D	Rated 110V-A/D Pump	17	<450	110~350	-15 ~ 60
E-150-A/D	Rated 150V-A/D Pump	17	<450	150~350	-15 ~ 60
E-200-A/D	Rated 200V-A/D Pump	17	<450	200~350	-15 ~ 60
E-245-A/D	Rated 245V-A/D Pump	17	<450	245~350	-15 ~ 60
E-300-A/D	Rated 300V-A/D Pump	17	<450	300~350	-15 ~ 60
E-520-A/D (3~22KW)	Rated 520V-A/D Pump	17~56	<900	520~650	-15 ~ 60
E-520-A/D (26~37KW)	Rated 520V-A/D Pump	50~69	<800	520~650	-15 ~ 60
E-110-HV	Rated 110V-HV Pump	17	<450	110~350	-15 ~ 60
E-150-HV	Rated 150V-HV Pump	17	<450	150~350	-15 ~ 60
E-200-HV	Rated 200V-HV Pump	17	<450	200~350	-15 ~ 60
E-245-HV	Rated 245V-HV Pump	17	<450	245~350	-15 ~ 60

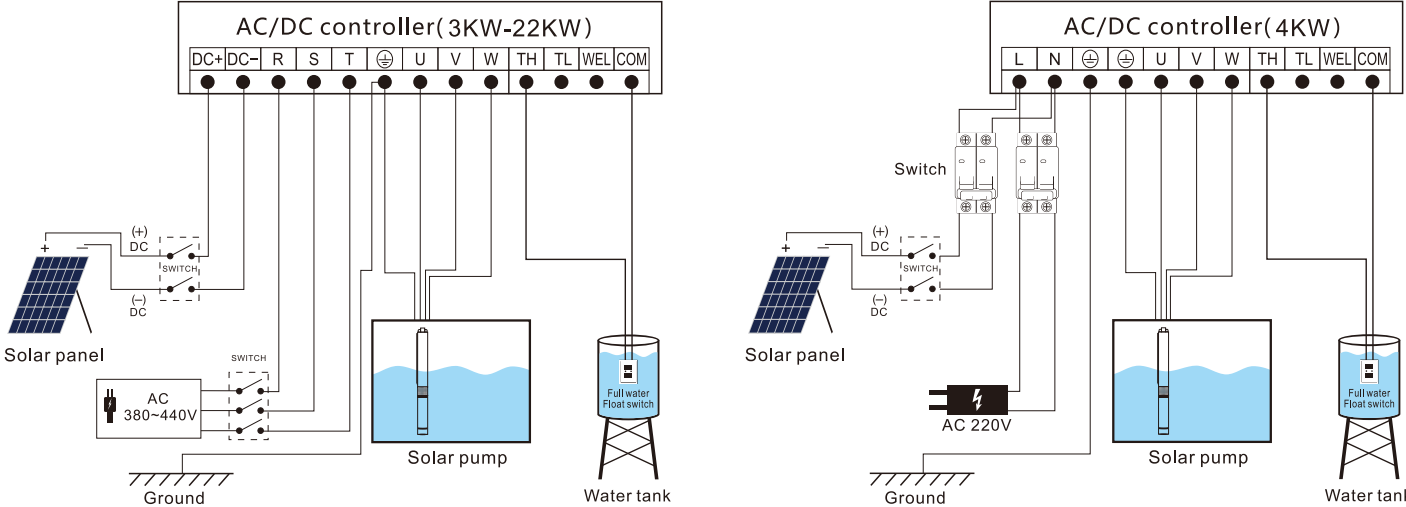
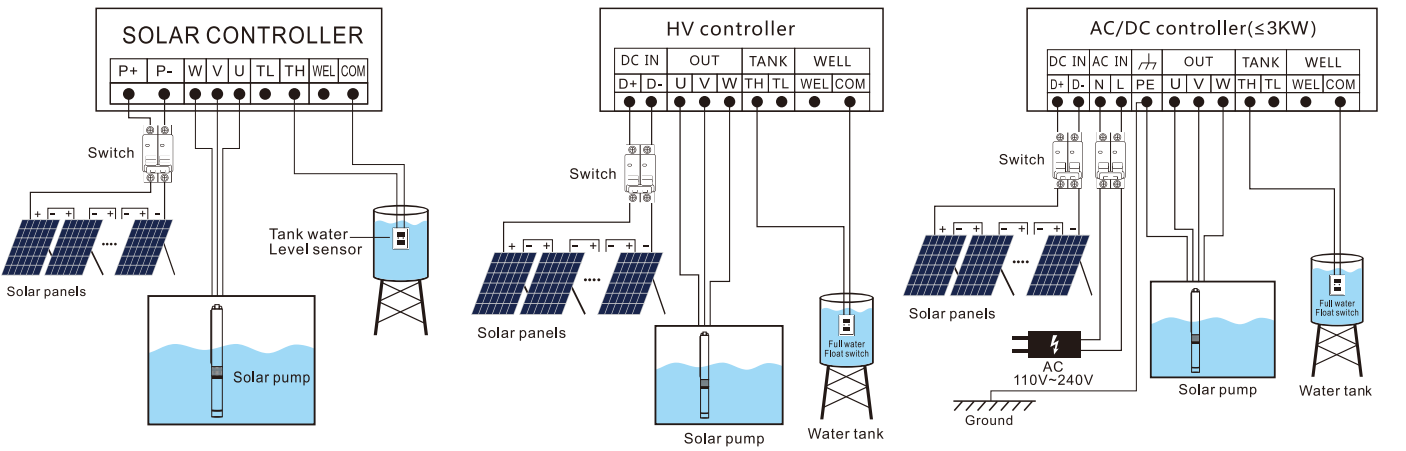
TIMER FOR SOLAR PUMP

- Set the startup and shutdown time to intelligently control the operation of the solar pump.
- Can be matched with other factory's controllers.

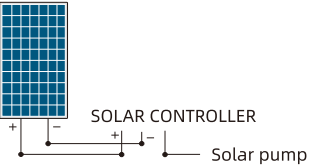
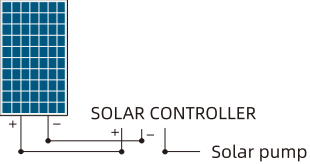
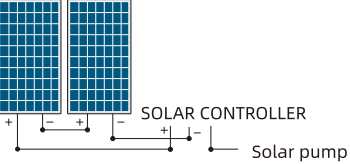
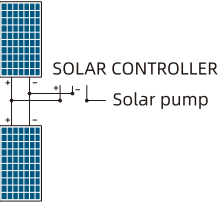
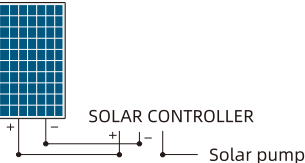
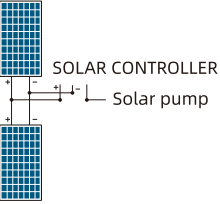
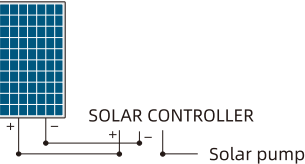
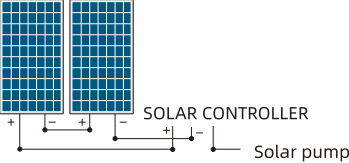
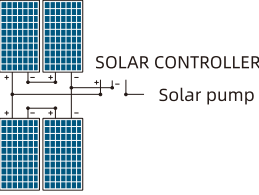
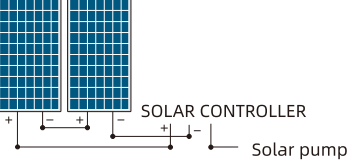
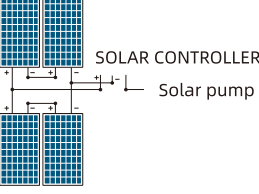
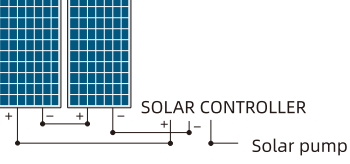
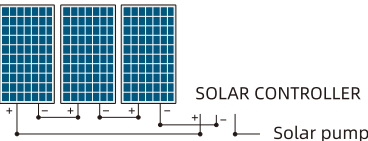


Model	Dimensions (cm)			Weight(kg)
	A	B	C	
TIMER	11	8	4.5	0.25

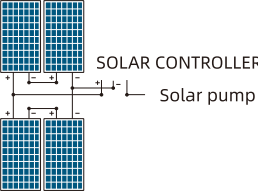
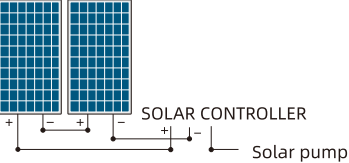
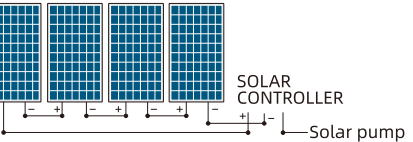
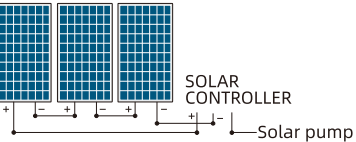
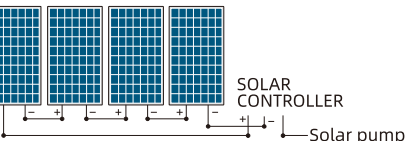
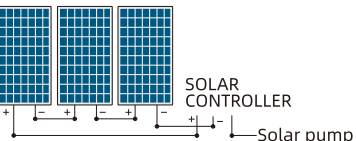
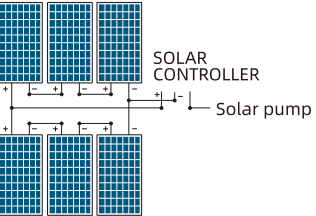
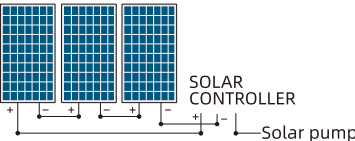
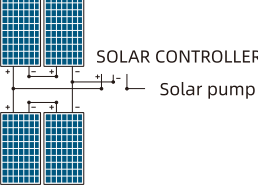
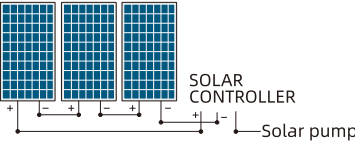
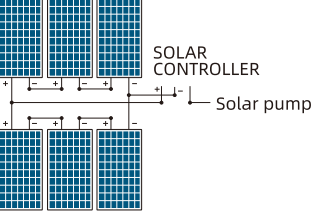
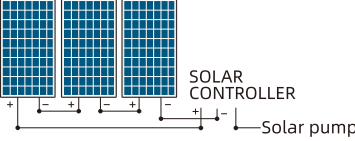
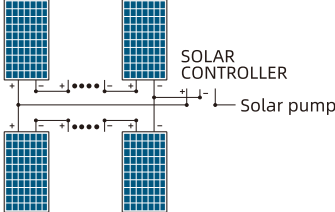
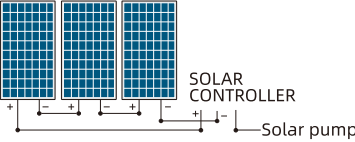
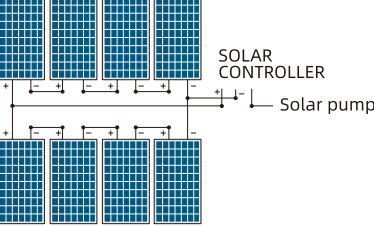
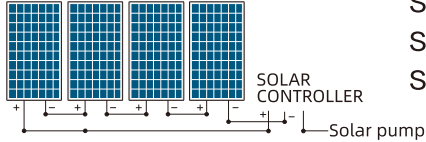
WIRING DIAGRAM



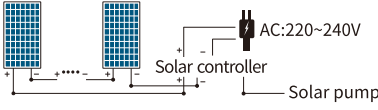
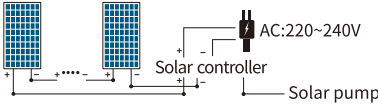
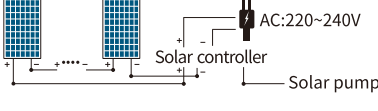
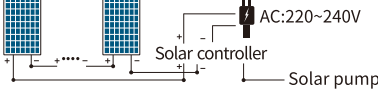
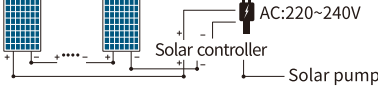
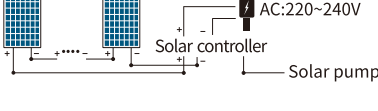
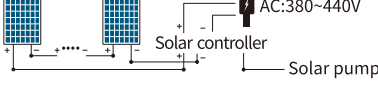
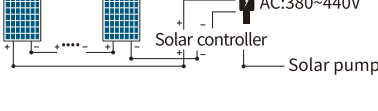
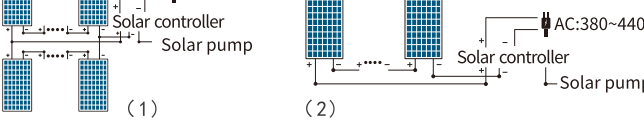
Solar panel recommendation for 12V-110V DC solar pump

Power: 80W-12V Vmp:30V~48V Voc:<60V Max. Input Current:17A		Solar panel:150W*1PCS Solar panel:270W*1PCS Solar panel:330W*1PCS Solar panel:550W*1PCS
Power: 120W-24V 180W-24V 200W-24V 210W-24V 210W-36V Vmp:30V~48V Voc:<60V Max. Input Current:17A	 	Solar panel:150W*2PCS Solar panel:270W*1PCS Solar panel:330W*1PCS Solar panel:550W*1PCS
Power: 280W-24V 300W-24V Vmp:30V~48V Voc:<60V Max. Input Current:17A	 	Solar panel:270W*2PCS Solar panel:330W*1PCS Solar panel:550W*1PCS
Power: 400W-36V Vmp:30V~48V Voc:<60V Max. Input Current:17A	 	Solar panel:270W*2PCS Solar panel:330W*2PCS Solar panel:550W*1PCS
Power: 370W-48V 400W-48V Vmp:60V~90V Voc:<110V Max. Input Current:17A		Solar panel:270W*2PCS Solar panel:330W*2PCS Solar panel:550W*2PCS
Power: 500W-48V 550W-48V Vmp:60V~90V Voc:<110V Max. Input Current:17A	 	Solar panel:270W*4PCS Solar panel:330W*2PCS Solar panel:550W*2PCS
Power: 600W-48V Vmp:60V~90V Voc:<110V Max. Input Current:17A	 	Solar panel:270W*4PCS Solar panel:330W*4PCS Solar panel:550W*2PCS
Power: 750W-48V Vmp:60V~90V Voc:<110V Max. Input Current:17A		Solar panel:270W*3PCS Solar panel:330W*3PCS Solar panel:550W*3PCS

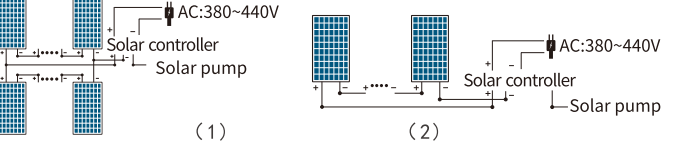
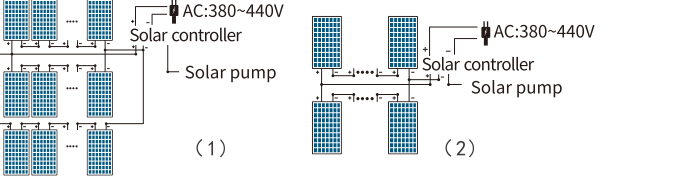
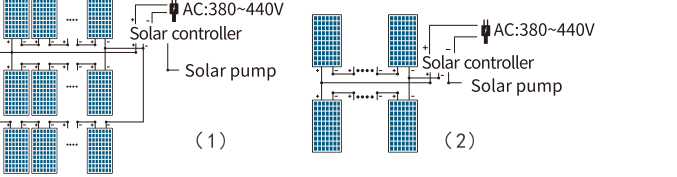
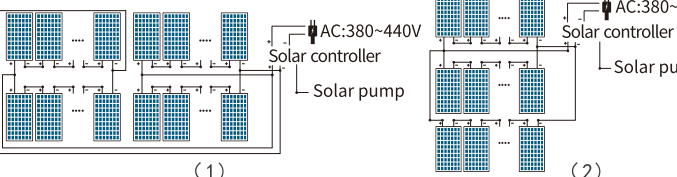
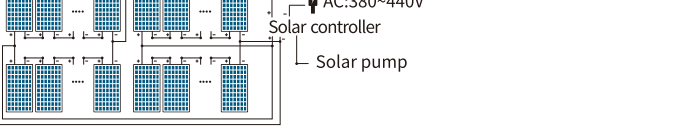
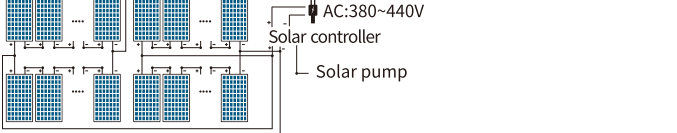
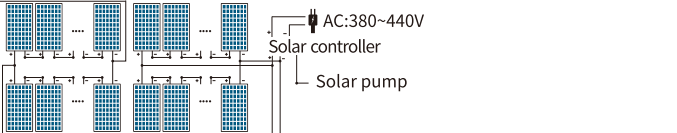
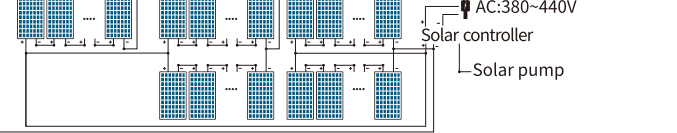
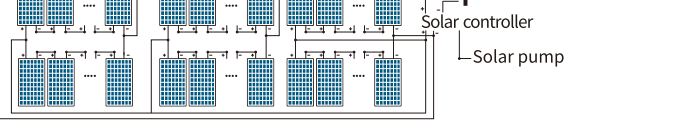
Solar panel recommendation for 12V-110V DC solar pump

Power: 600W-72V Vmp:60V~90V Voc:<170V Max. Input Current:17A	 	Solar panel:270W*4PCS Solar panel:330W*4PCS Solar panel:550W*2PCS
Power: 750W-72V Vmp:90V~120V Voc:<170V Max. Input Current:17A	 	Solar panel:270W*4PCS Solar panel:330W*3PCS Solar panel:550W*3PCS
Power: 900W-72V Vmp:90V~120V Voc:<170V Max. Input Current:17A	 	Solar panel:270W*4PCS Solar panel:330W*3PCS Solar panel:550W*3PCS
Power: 1100W-72V Vmp:90V~120V Voc:<170V Max. Input Current:17A	 	Solar panel:270W*6PCS Solar panel:330W*6PCS Solar panel:550W*3PCS
Power: 750W-110V Vmp:110V~350V Voc:<220V Max. Input Current:17A	 	Solar panel:270W*4PCS Solar panel:330W*3PCS Solar panel:550W*3PCS
Power: 1100W-110V Vmp:110V~350V Voc:<220V Max. Input Current:17A	 	Solar panel:270W*6PCS Solar panel:330W*6PCS Solar panel:550W*3PCS
Power: 1300W-110V Vmp:110V~350V Voc:<220V Max. Input Current:17A	 	Solar panel:270W*8PCS Solar panel:330W*6PCS Solar panel:550W*3PCS
Power: 1500W-110V Vmp:110V~350V Voc:<220V Max. Input Current:17A	 	Solar panel:270W*8PCS Solar panel:330W*8PCS Solar panel:550W*4PCS

Solar panel recommendation for 220V-380V AC/DC & HV solar pump

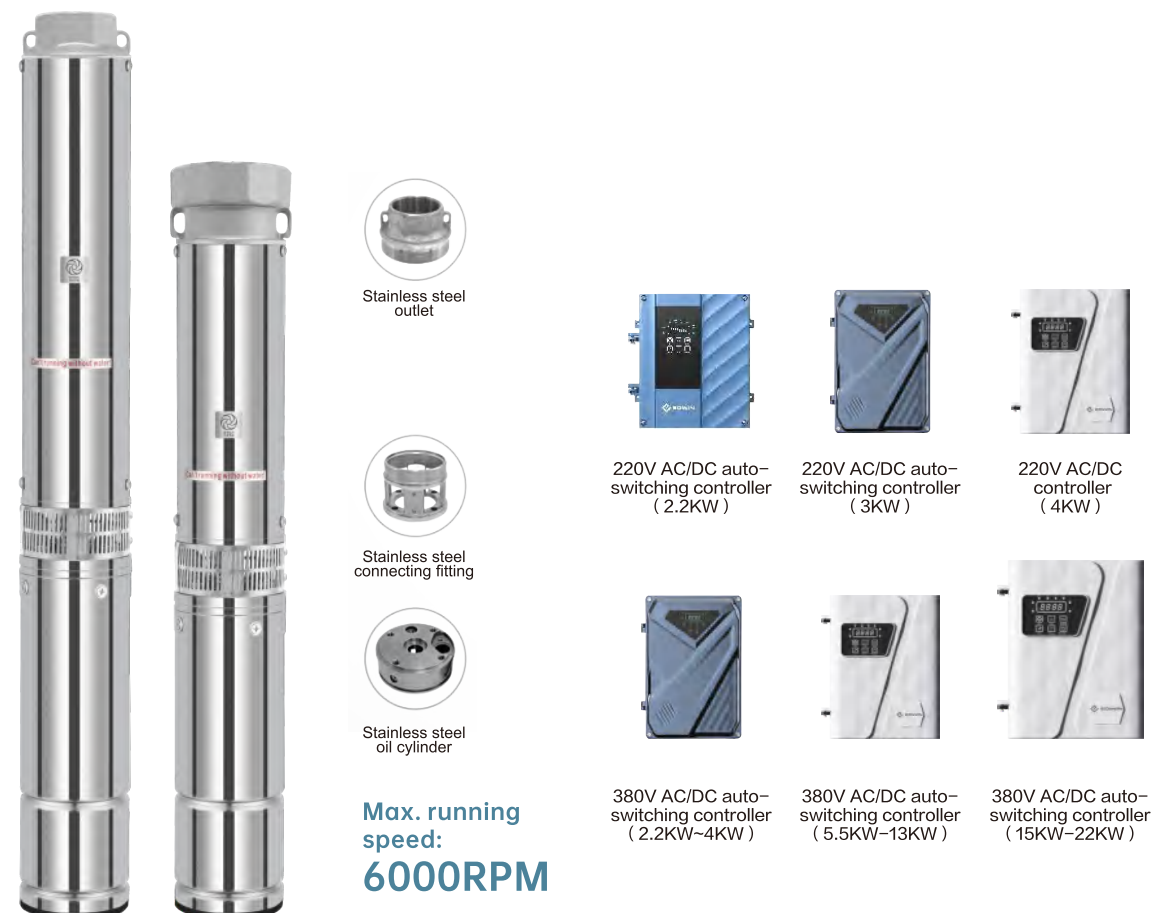
PUMP POWER 750W-72V AC Vol:85V~280V DC Vmp:100V~350V Voc:<450V Max.Input Current:17A		Solar panel:550W*3PCS Solar panel:330W*4~6PCS
PUMP POWER 750W-110V 1100W-110V 1200W-110V 1300W-110V AC Vol:85V~280V DC Vmp:110V~350V Voc:<450V Max.Input Current:17A		Solar panel:550W*3PCS Solar panel:330W*5~7PCS
PUMP POWER 1500W-150V AC Vol:85V~280V DC Vmp:150V~350V Voc:<450V Max.Input Current:17A		Solar panel:550W*3~4PCS Solar panel:330W*6~8PCS
PUMP POWER 2200W-200V AC Vol:85V~280V DC Vmp:200V~350V Voc:<450V Max.Input Current:17A		Solar panel:550W*5~6PCS Solar panel:330W*8~9PCS
PUMP POWER 3000W-245V AC Vol:85V~280V DC Vmp:245V~350V Voc:<450V Max.Input Current:17A		Solar panel:550W*7PCS Solar panel:330W*12PCS
PUMP POWER 4000W-300V AC Vol:85V~280V DC Vmp:300V~350V Voc:<450V Max.Input Current:17A		Solar panel:550W*8PCS Solar panel:330W*15PCS
PUMP POWER 3000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:17A		Solar panel:550W*13PCS Solar panel:330W*12PCS
PUMP POWER 4000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:17A		Solar panel:550W*13PCS Solar panel:330W*15PCS
PUMP POWER 5500W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:17A		Solar panel:330W*22PCS(1) Solar panel:550W*13PCS(2)

Solar panel recommendation for 220V-380V AC/DC & HV solar pump

PUMP POWER 7500W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:25.5A		Solar panel:330W*30PCS(1) Solar panel:550W*17PCS(2)
PUMP POWER 9200W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:32A		Solar panel:330W*36PCS(1) Solar panel:550W*26PCS(2)
PUMP POWER 11000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:32A		Solar panel:330W*42PCS(1) Solar panel:550W*26PCS(2)
PUMP POWER 15000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:40A		Solar panel:330W*60PCS(1) Solar panel:550W*39PCS(2)
PUMP POWER 18500W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:48A		Solar panel:450W*56PCS Solar panel:550W*52PCS
PUMP POWER 22000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<900V Max.Input Current:56A		Solar panel:450W*60PCS Solar panel:550W*56PCS
PUMP POWER 26000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<800V Max.Input Current:50A		Solar panel:550W*60PCS
PUMP POWER 30000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<800V Max.Input Current:57A		Solar panel:550W*75PCS
PUMP POWER 37000W-520V AC Vol:380V~440V DC Vmp:520V~650V Voc:<800V Max.Input Current:69A		Solar panel:550W*90PCS

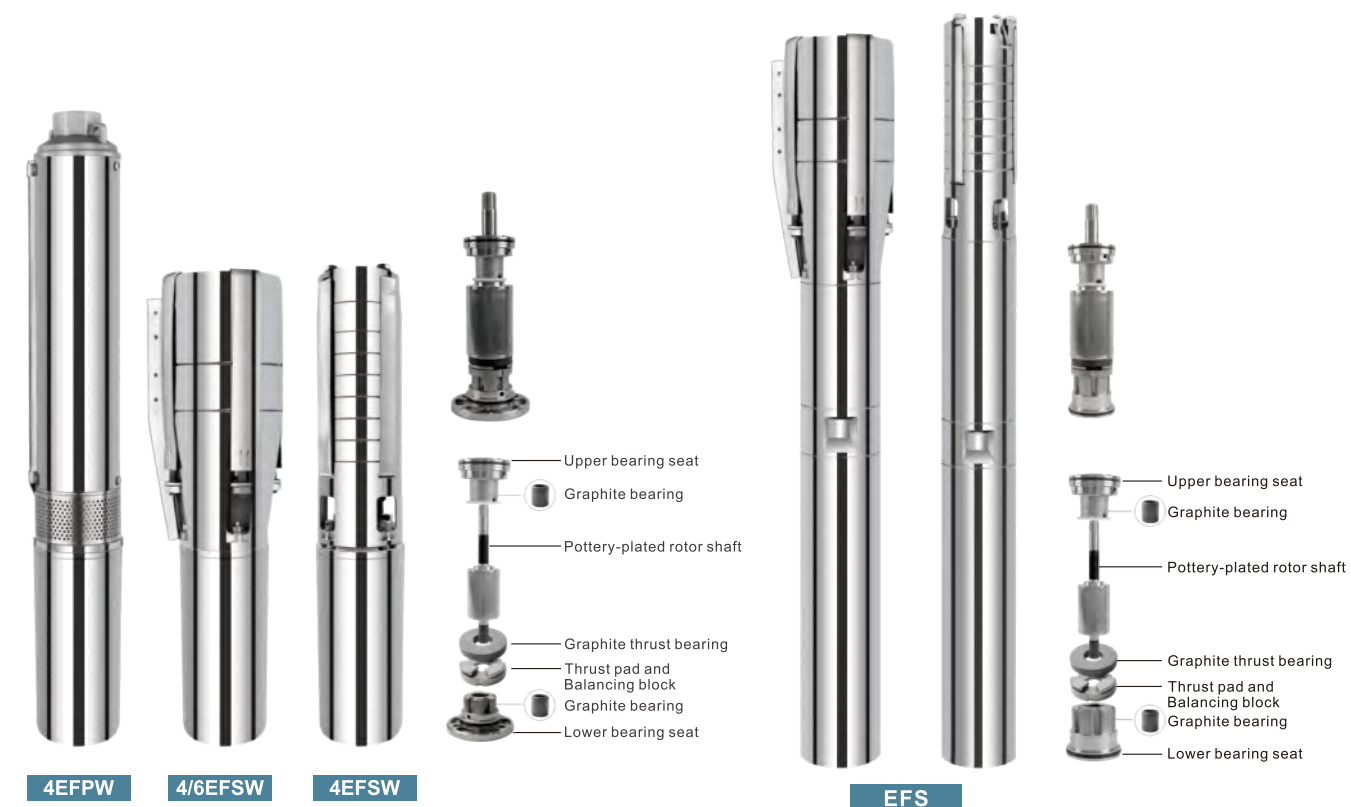
4ADGS 4" HIGH SPEED DEEP WELL PUMP

1. Permanent magnet DC brushless synchronous motor: The efficiency is increased by 15% - 20%, saving energy consumption.
2. The whole 304 stainless steel rotor shaft avoids the risk of shaft breakage.
3. Stainless steel outlet/connector/ oil cylinder, with better corrosion resistance.
4. Japanese NSK bearing, longer working life.
5. Two deep groove ball bearings are used at the upper end, and two angular contact bearings are used at the lower end, which can withstand greater radial force and axial force.
6. Two silicon carbide-impregnated graphite mechanical seal of Italian brand, longer service life and deeper submerging depth.
7. 180°C high temperature resistant copper wire, insulation class F.
8. Cold rolled 600 silicon steel sheet stator and rotor.
9. The magnet is made of 40SH NdFeB(neodymium iron boron), with a temperature resistance of 150°C.
10. S/S pump shaft, impellers adopt whole-stage floating wear-resistant and sand-resistant structure.
11. The whole pump is small volume and strong power, saving the pump installation cost into the well.
12. Controller:
 - (1) Waterproof grade: IP65
 - (2) Wide open circuit voltage range. AC: 260-528V; DC: 200-780V
 - (3) Ambient temperature: -15°C~60°C
 - (4) MPPT function, the solar power utilization rate is higher.
 - (5) LED displays the power, voltage, current, speed etc working condition.
 - (6) It can automatically adjust the speed for operation according to the sunlight power, and can also manually adjust the speed for operation according to the actual demand.
 - (7) Automatic startup and shutdown, without personnel on duty.
 - (8) Soft start: No impulse current, protect the pump motor.
 - (9) Over-voltage/undervoltage/over-current/phase loss/short circuit/water shortage/ high temperature protection etc.
 - (10) Both AC and DC can be used, AC and DC automatic switching function.



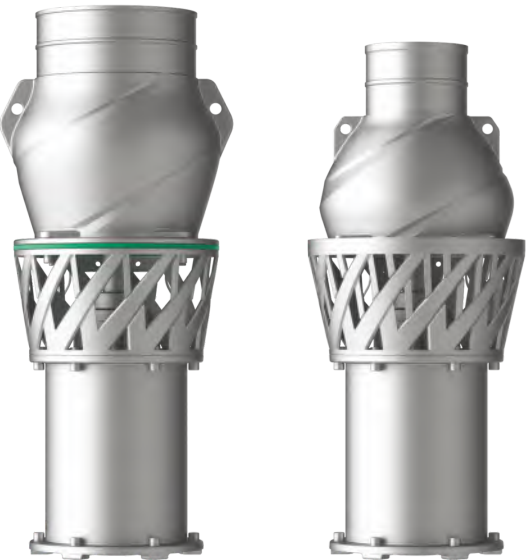
WATER FILLED MOTOR SOLAR PUMP

1. Double inner and outer shielded deep well pump with field-oriented control function, is made of 304 stainless steel. More environmental protection, no oil pollution.
2. The whole 304 stainless steel rotor shaft with ceramic plating process at both ends, is more wear-resistant.
3. Water cooling structure of shielded motor, without mechanical seal, solves the problem of water leakage of traditional water pump motor.
4. 180°C high temperature resistant copper wire, insulation class F.
5. Cold rolled 600 silicon steel sheet stator and rotor.
6. The magnet is made of 40SH NdFeB, with a temperature resistance of 150°C.
7. Shielded motor adopts graphite bearing, which has strong self lubrication and corrosion resistance, and can operate reliably in the form of water lubrication.
8. Thrust bearing, providing strong and stable thrust.
9. Submerging depth can reach 150 meters.
10. Built-in Controller Pump, the pump body, motor and controller, three sections of removable structure, is more convenient for maintenance;
11. External Smart Controller Pump, equipped with a controller that displays voltage, current, speed, power, and other functions, offering more intuitive and convenient operation.



ELQY/EZQY
QIL-IMMERSED SUBMERSIBLE PUMP

- 1.Housing Material: 316 stainless steel barrel, 304 precision-cast pump body
- 2.Connection: 304 precision-cast
- 3.Impeller: 304 precision-cast
- 4.Pump Head: 304 precision-cast
- 5.180°C Heat-Resistant Frequency Conversion Enameled Wire, ensuring longer motor lifespan
- 6.Japanese NSK Brand Bearings, providing extended service life
- 7.400 Cold-Rolled Silicon Steel Sheet
- 8.Magnets Made of 40SH NdFeB Material, temperature-resistant up to 150°C
- 9. Motor Speed: 3,300 RPM



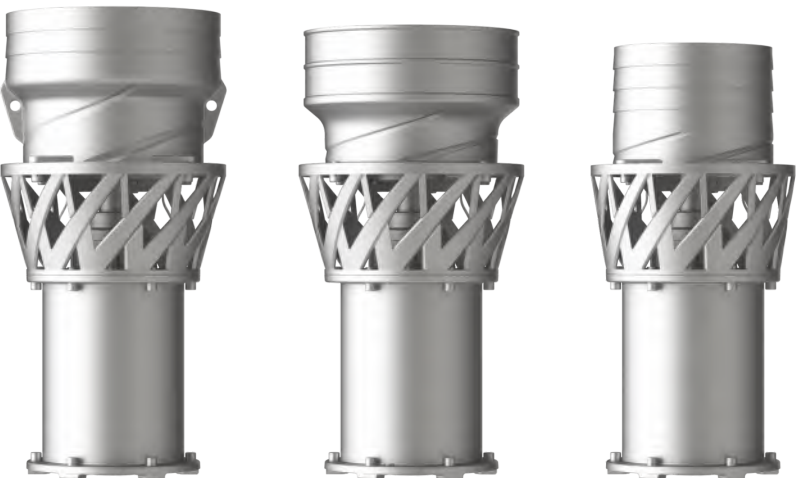
ELQY



380V AC/DC auto-switching controller (5.5-18.5KW)



380V AC/DC auto-switching controller (4KW)



EZQY

Oil-Immersed Submersible Pumps (EQY Series) integrates the advantages of permanent magnet synchronous motors, variable frequency technology, and stainless steel component design. It is widely used in industrial construction, aquaculture, agricultural irrigation, flood control & drought relief, petroleum & chemical industries, and water treatment applications.



Oil-Immersed Submersible Pumps excel in energy efficiency, reliability, and adaptability by combining high-performance motors with intelligent control systems. They are particularly suitable for applications demanding high energy efficiency and operational stability, making them a superior upgrade over traditional pumps.

HIGH ENERGY EFFICIENCY

- 1.**Permanent Magnet Synchronous Motor:** 10%-20% higher efficiency than traditional induction motors. Maintains high efficiency even under partial load or low-speed operation, minimizing energy waste.
- 2.**Variable Frequency Speed Control:** Adjusts motor speed precisely to match actual operational demands. Eliminates the "oversized motor for small load" inefficiency, significantly reducing energy consumption.
- 3.**Energy-Saving Benefits:** Substantial long-term electricity cost savings due to optimized performance.

STABLE OPERATION

- 1.**Soft Start/Soft Stop:** Reduces starting current, minimizes grid impact, and extends equipment lifespan.
- 2.**Multi-Protection System:** Built-in controller protections: over-voltage, under-voltage, over-current, phase loss, short circuit, water shortage, and over-temperature for enhanced system safety.

DURABLE & RELIABLE EXTENDED SERVICE LIFE

- 1.**Oil-Immersed Cooling Design:** Superior thermal management through oil circulation cooling for both motor and bearings. Prevents performance degradation or damage caused by overheating.
- 2.**Corrosion & Rust Protection:** Full stainless steel construction Suitable for seawater and corrosive environments.
- 3.**Maintenance-Free Permanent Magnet Motor:** Significantly reduced failure rate.

SUPERIOR ADAPTABILITY

- 1.**Wide Operating Range:** Variable frequency drive enables precise speed adjustment Adapts seamlessly to fluctuating flow and pressure requirements
- 2.**Low-Noise Operation:** Frequency conversion minimizes mechanical vibration Ideal for noise-sensitive environments

EASY INSTALLATION

- Permanent Magnet Motor - Compact & Lightweight Design:** High power density with optimized structure Space-saving installation due to reduced footprint

ECO-FRIENDLY & COST-EFFECTIVE

- 1.**Carbon Emission Reduction:** High-efficiency energy-saving performance supports green manufacturing Complies with global environmental regulations and sustainability standards
- 2.**Lower Lifetime Costs:** Higher initial investment offset by long-term savings. Rapid cost recovery through reduced electricity and maintenance expenses