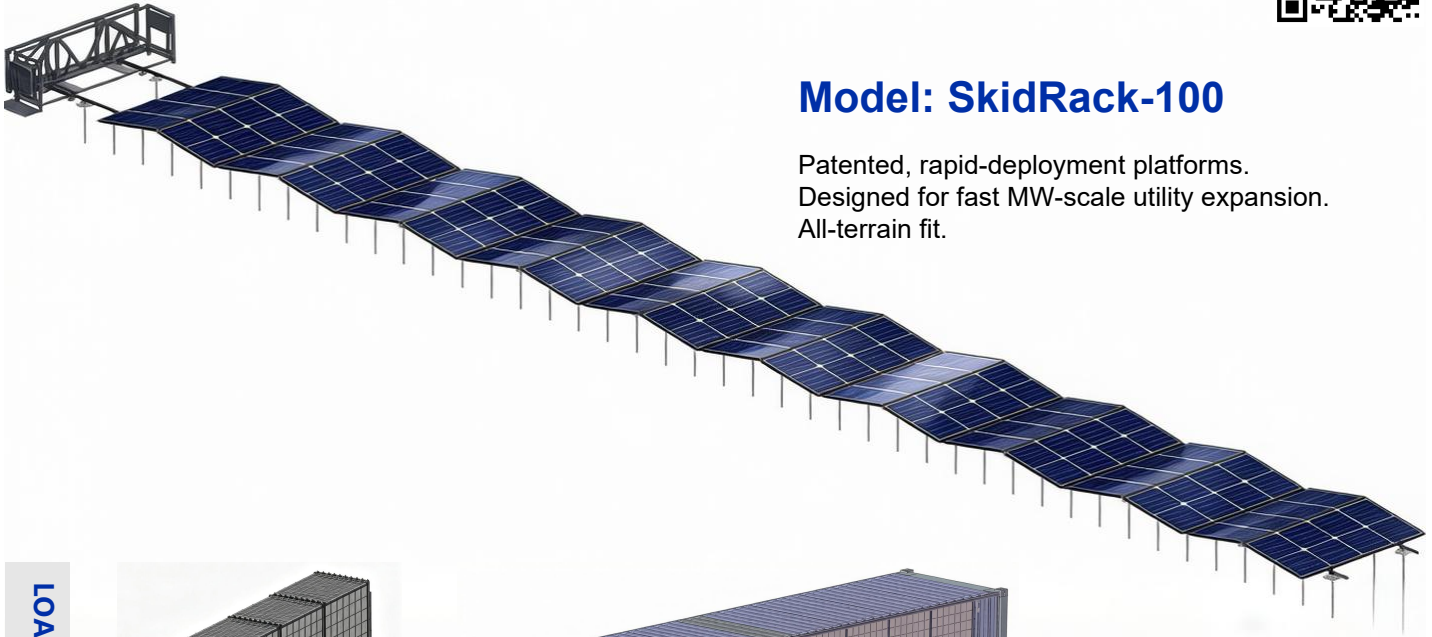
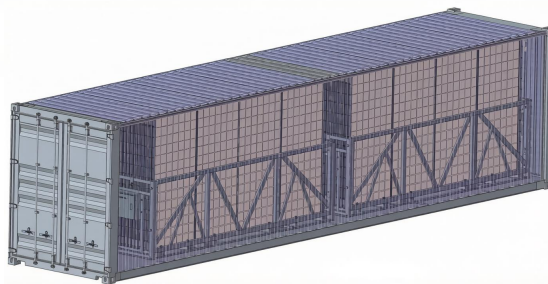
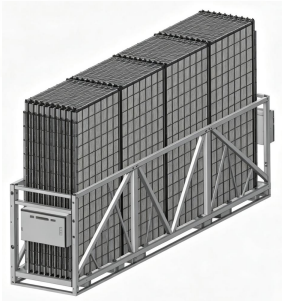




Model: SkidRack-100

Patented, rapid-deployment platforms.
Designed for fast MW-scale utility expansion.
All-terrain fit.

LOADING QTY



Shipping Configuration:

2 units per 40HC container (104.8 kWp × 2, total 209.6 kWp)

CORE STRENGTHENS

High Power Density

157 kWp in a single 20HC container, enabled by our [patented foldable PV structure](#). Top-level installed capacity per container.

All-Terrain Fit

[Patented Adjustable Leg Technology](#) enables quick leveling and reliable installation on uneven terrain.

Marine-Grade Protection

Up to C5-M Marine-Grade Protection. Lower corrosion risk, lower O&M costs.

High Wind Resistance

Withstand severe typhoons with proven resistance [up to 220 km/h \(55 m/s\)](#).

QUICK DEPLOYMENT





Category	Parameter	Value
General Configuration	Product Model	SkidRack 100
	Solar Array Capacity (Pmax / kWp)	104.8
	Total Weight (tons)	12
	Unfolded Footprint (L×W×H, m)	110 × 4.9 × 1.5
	Folded Dimensions (L×W×H, m)	5.2 × 2.2 × 2.57
	Max. Slope Tolerance	1%
	Installation Orientation	Any azimuth
	Full Unfolding Time (mins)	120
	Full Folding Time (mins)	60
	Required Installation Crew	3 persons
	Expansion Method	- Electrical winch expand & ground install.
Packing Frame	Shipping Capacity	104.8 kWp x 2 per 40HC
	Type	SkidRack
	External Dimensions (L×W×H, m)	5.2 × 2.2 × 2.57
	Tare Weight (tons)	0.8
Mounting Structure	Coating grade	C4 or C5-M
	Material	Steel square tube (Hot-dip galvanized)
	Single Bracket Size (mm)	4,736 × 2,364 × 50
	Panels per Bracket	4
	Deployment Angle	15° (Adjustable by project)
	Total Bracket Length (m)	110
	Projected Area (m²)	539
Solar Panels	Number of Brackets	40
	Panel Model	LR7-72HVHF-655M (Other model customizable)
	Panel Type	TOPCon
	Max. Power per Panel (Wp)	655
	Vmpp (V)	44.66
	Imp (A)	14.67
	Voc (V)	54
	Isc (A)	15.37
Solar Array	Panel Dimensions (mm)	2,382 × 1,134 × 30
	Weight per Panel (kg)	28.5
	Panel Qty. per String	10
	String Qty.	16
	Total Panel Qty.	160
	String Voltage- Voc	864
	String Voltage- Vmpp	714.56
	Parrel Current - Isc	15.37
	Parrel Current - Imp	14.67
	Total Array Power - kWp	104.8