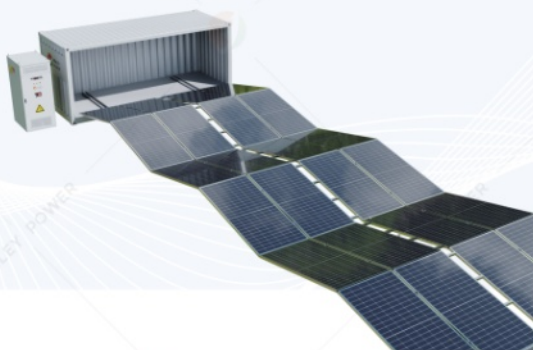


HLY-20HQ-M-75/100K261

Folding Photovoltaic Container



Extreme Simplicity

High integration with built-in drive system saves time and labor; modular plug-and-play architecture enables flexible container-based deployment; supports elastic power capacity expansion.



Intelligent Synergy

Built-in intelligent control system optimizes MPPT in real time with remote monitoring; breaks equipment silos by seamlessly integrating energy storage and generators for comprehensive intelligent collaboration.



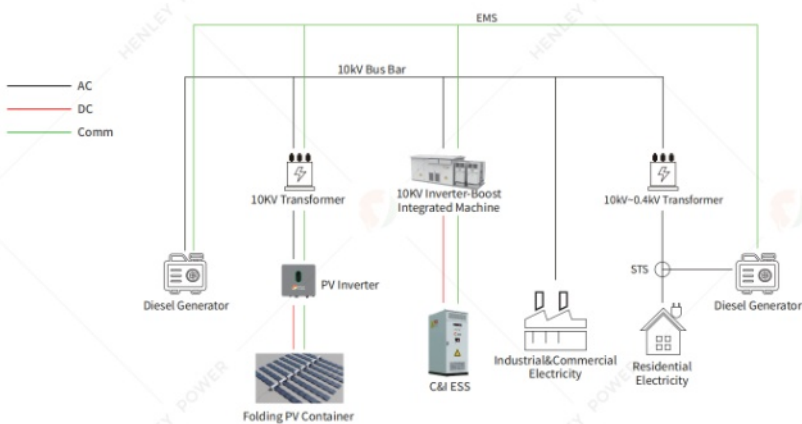
Stable and Reliable

Industrial-grade IP54 dust and water protection; intelligent temperature control system supports constant temperature and humidity modes; delivers stable online performance in harsh environments such as plateaus and deserts.



Safety Protection

High-strength metal structure with fortress-level protection ensures equipment safety; comprehensive grounding system with overcurrent, overvoltage, and leakage protection linkage eliminates electrical hazards.



System Specification

Model	HLY-20HQ-M-75K261	HLY-20HQ-M-100K261
Packaging		
Pv Array Power (Pmax/kWp)	75	100
Total Weight (ton)	12T	15.2T
Unfolded Size	91×3.6×0.8	102×4.1×0.9
Folded Size	3.6×2.0×2.1	4.1×2.2×2.4
Max Slope Striction	1%	1%
Direction	All	All
Time to be unfolded (min)	80	100
Time to be folded (min)	60	80
Quantity of Installers	4	4
Container		
Model	20HQ	20HQ
External Dimensions (L×W×H/mm)	6058×2438×2896	6058×2438×2896
Weight (ton)	2.5	2.5
Bracket		
Material	Square Tube of Carbon Steel	Square Tube of Carbon Steel
Single Bracket Dimension (mm)	3552×2452×35	4728×2452×35
Quantity of Panels in One Bracket	3	4
Angle of Unfolding Bracket(°)	25	25
Length of Unfolding Bracket(m)	96	96
Operating Area of Unfolding Brackets(m ²)	298	388
Quantity of Brackets	40	40
Storage System		
Module Type	DH200F	DH200F
Rated Capacity	314Ah	314Ah
Rated Power	261kW	261kW
Rated Charge Power	100kW	100kW
Nominal Frequency	125Hz	125Hz
Battery Voltage Range	702~949V	672~864V
Dimensions(W×H×D/mm)	1000×1350×2390	1000×1350×2390
Weight(kg)	2.6T	2.6T
Communication	RS485	RS485
Operating Temperature Range(°C)	-30°C~+50°C, (-45°C Derating)	-30°C~+50°C, (-45°C Derating)
Quantity Of Battery(set)	1	1
Diesel Generator		
Model	KDE16EA3	KDE16EA3
Rated Output	13.8KVA	13.8KVA
Peaking Output	15KVA	15KVA
Rated Frequency	50HZ	50HZ
Rated Voltage	203/400V	203/400V
Rated Current	47.8A	47.8A
External Dimensions(L×W×H/mm)	930×660×910	930×660×910
Weight(kg)	230	230

