

430KWh Portable Foldable PV Energy Storage Unit (40ft High Cube)

Model: HJ40GP-M-140K215 Power: 430KWh / 40ft

Summary

The flagship model offers a powerful 150kW PV array and 430kWh of energy storage. Built in a 40ft High Cube foldable container, this all-in-one portable system is tailored for long-term off-grid operations requiring ultra-high capacity and energy security.



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Product Features

Ultra-High Storage

430kWh battery bank ensures multi-day autonomy and peak-load coverage

High-Efficiency 610W Panels

Maximum energy generation from a fixed container footprint

Deployment-Ready

Pre-configured, factory-tested, and ready for site installation

Grid Independence

Designed for full off-grid performance in remote, high-demand environments

Technical Parameters

Model	Photovoltaic Capacity	Energy Storage Capacity	PV Module Specification	Scenario	Specification Size
HJ08GP-M-18K20	18KW	20KWh	200W	Photovoltaic Energy Storage	8ft Container
H10GP-M-30K40	30KW	40KWh	480W		10ft Container
HJ20GP-M-60K215	60KW	215KWh	480W		20ft Container
HJ20HQ-M-75K215	75KW	215KWh	610W		20ft Container
HJ40GP-M-140K215	140KW	215KWh	480W		40ft Container
HJ40HQ-M-150K430	150KW	430KWh	610W		40ft Container

Application

Tailored for utility-scale microgrids, remote island electrification, and large-scale disaster recovery bases. The 150kW generation and 430kWh capacity deliver reliable multi-day backup or primary power for mission-critical infrastructure in isolated or weather-exposed regions.

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