

# 40KWh Mobile Foldable Solar Storage Container (10ft)

Model: H10GP-M-30K40      Power: 40KWh / 10ft

## Summary

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The H10GP-M-30K40 delivers 30kW of solar generation and 40kWh of storage, housed in a 10ft mobile foldable container. Using high-efficiency 480W panels, it's engineered for mid-size off-grid needs like mobile hospitals, telecom bases, and border outposts.



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## Product Features

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Enhanced Portability

10ft form factor balances capacity with mobility for varied deployment needs

480W PV Panels

Efficient solar panels deliver reliable energy generation with minimal footprint

Balanced Storage Ratio

Optimized 30kW/40kWh setup for medium-load off-grid or hybrid systems

Low Maintenance Design

Durable design with minimal operating requirements and long lifecycle components

## 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

Designed for off-grid farms, mobile laboratories, and small construction sites. The 10ft format with 40kWh storage offers stable green energy for medium-duty tools, lighting, and refrigeration in remote agricultural or forestry environments with seasonal relocation needs.

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