



20ft Mobile Solar Power Container 80KW | Balanced Energy for Remote Access

Model: HJ20GP-M-80K Power: 20ft / 80KW

Summary

The 20ft Mobile Solar Container by HighJoule offers 80KW of solar power using high-efficiency 480W modules. With an industrial-grade build, it's an excellent choice for mid-sized, scalable off-grid or semi-grid deployments.



20ft Mobile Solar Power Container 80KW | Balanced Energy for Remote Access (HJ20GP-M-80K)

Product Features

Energy efficient and environmentally friendly

By using solar energy as the primary energy source, the system reduces the need for conventional fuels, thereby lowering carbon emissions

Off-the-shelf availability

Customised 20ft containers, 42 galvanised steel frames, 480 watts of 120 N-Type TOPCon half-cut cells and other components are ready to install and start using

Modular Build

System components are easily replaceable, making long-term operation simple

Standard Shipping Design

ISO-standard size for international transport and plug-in capability

Technical Parameters

Main Features

Model	Photovoltaic Capacity	Energy Storage Capacity	PV Module Specification	Scenario	Specification Size
H08GP-M-20K	20KW	/	200W	Mains	8ft Container
HJ10GP-M-40K	40KW	/	480W		10ft Container
HJ20GP-M-80K	80KW	/	480W		20ft Container
HJ20HQ-M-100K	100KW	/	610W		20ft Container
HJ40GP-M-160K	160KW	/	480W		40ft Container
HJ40HQ-M-200K	200KW	/	610W		40ft Container

Application

Balancing capacity and footprint, the 80KW HighJoule 20ft container suits community electrification projects, military camps, mining camps, and government-run microgrid pilots. It's a reliable power source for semi-permanent setups requiring scalable, clean energy without permanent infrastructure.

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