

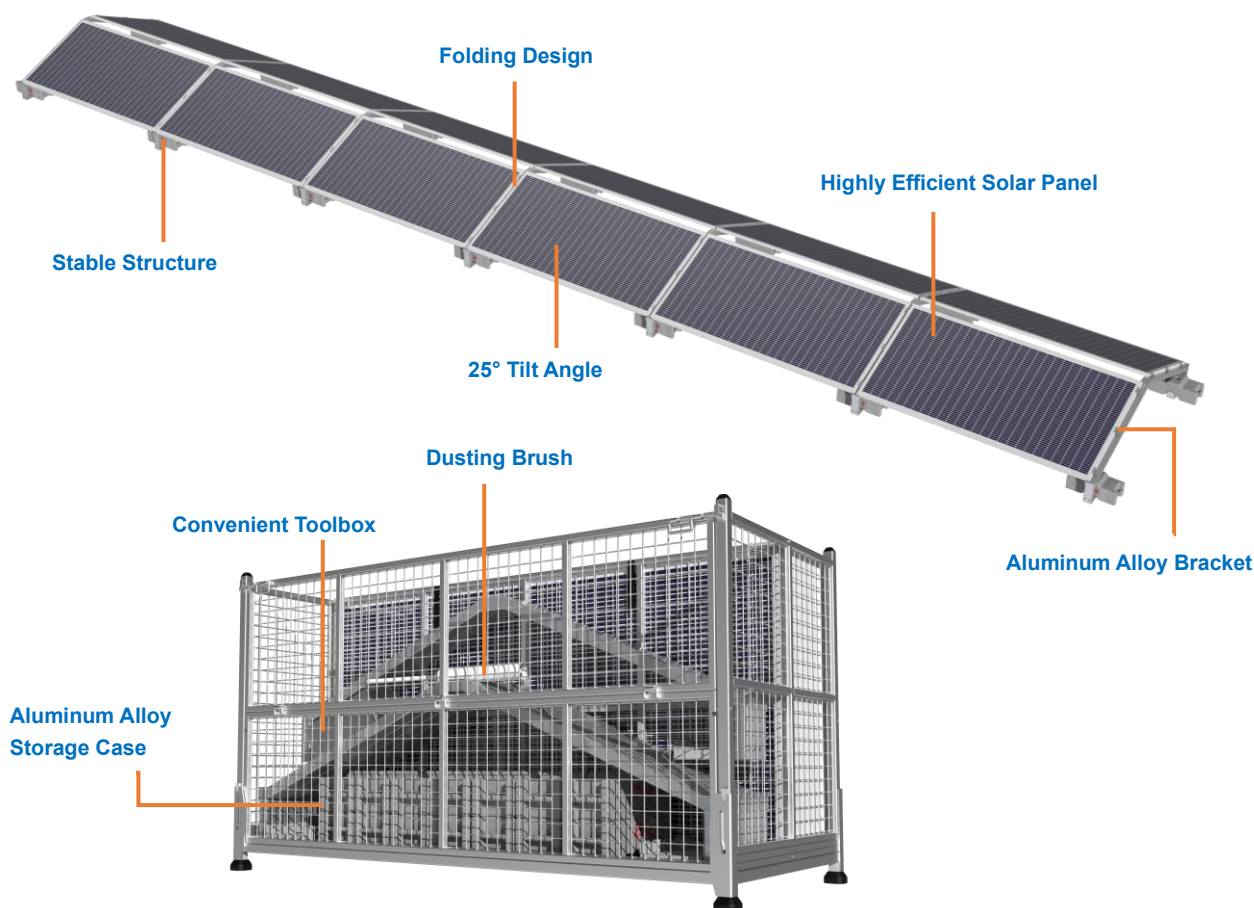
PSP7800-F

Portable PV System

12×650Wp Solar Panels

Product introduction

PSP series portable PV system is a solar power generation solution designed to meet flexible energy needs. This system consists of 12×650Wp bifacial solar panels, with a total power generation capacity of 7.8kWp. The solar panels can be integrally deployed and folded, enabling quick installation and disassembly, requiring minimal storage space and facilitating easy transport. Equipped with triangular support frames and tilted at 25°, the system maximizes natural sunlight utilization, allows for convenient installation, and supports array deployment. It supports being used in conjunction with the grid, diesel genset, and PowerLink hybrid energy systems, and is suitable for scenarios requiring large-area industrial electricity consumption and energy supplementation for photovoltaic power stations.



Efficient Power Generation

12×650Wp solar panels, with a daily average power generation of 46.8kWh. Multiple groups can be used in combination to meet large-capacity electricity demand.



Flexible Deployment

The system can be fully unfolded or folded, facilitating transportation and storage, and adapting to different application scenarios.



25° Tilt Array

Expanded into a 25° tilted array to maximize solar capture efficiency and improve power generation performance.



Multi-Energy Complementation

It can be used in conjunction with the grid, diesel genset, and hybrid energy units to achieve energy complementation and optimization.

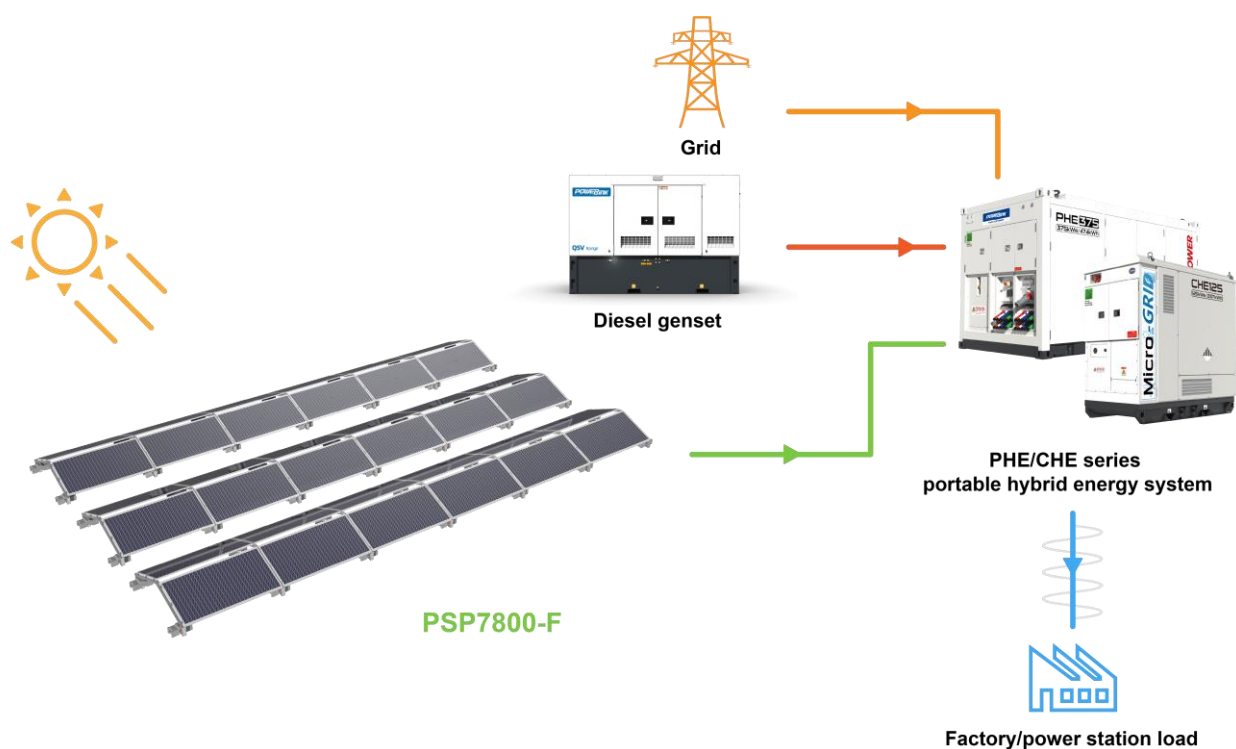
Technical Parameters

Basic Parameters

Product model	PSP7800-F
Output power	7.8 kWp
Max. operating voltage	624 VDC
Type of solar panel	Mono crystalline
Number of solar panels	12
Solar panel power	650 Wp
Daily power generation	46.8 kWh (Calculate based on 6h/day)
Service life	25 years
Unfolded dimensions (L×W×H)	15.1×2.3×0.7 m

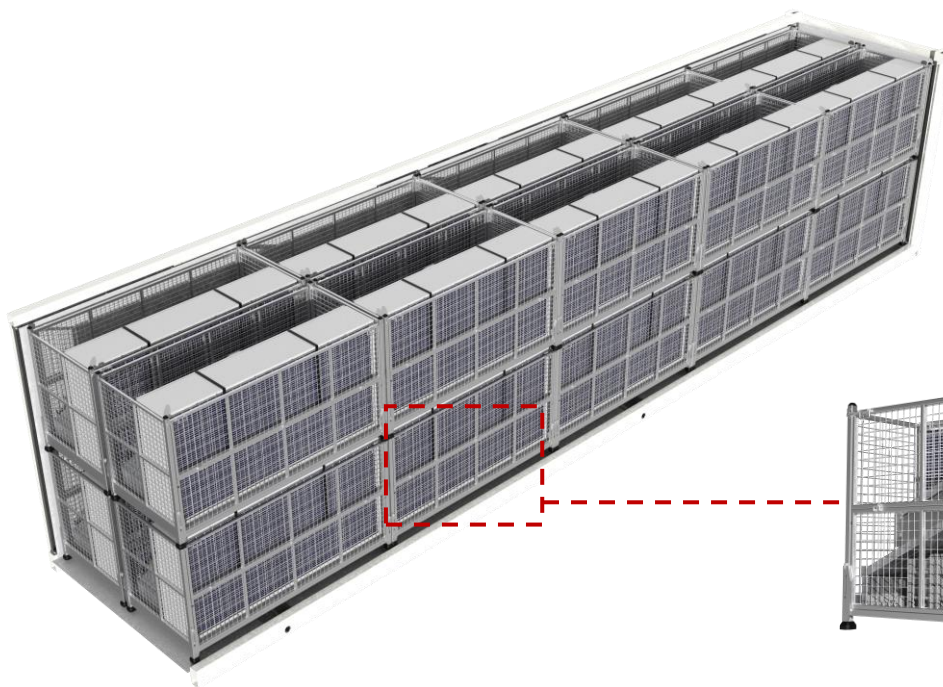
Transport Parameters

Total weight	1200 kg
Dimensions (L×W×H)	2480×1060×1250 mm
40' Loading	16



Standard Configuration

- 12×650W Solar Panels
- 2×Binding Tapes
- Toolbox
- 7×Support Brackets
- Transport Case
- 15m Cable
- 14×Counterweights
- Dusting Brush



Fold and Pack

Compact design, small volume.
Fix it with the bundling straps for quick packing.

