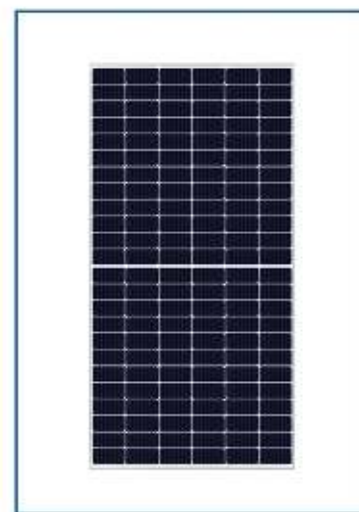


# SOLAR POWER SYSTEM

- ON-GRID SOLAR POWER SYSTEMS
- OFF-GRID SOLAR POWER SYSTEMS
- HYBRID INVERTER SOLAR SYSTEM



Solar Panels



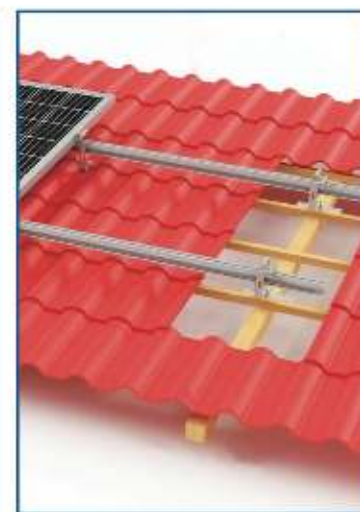
Power Distribution Box



Inverter



Energy Storage Battery



Solar Panel Brackets



Cable



Residential



Commercial



# Energy Storage Battery

**Diesel and lead acid replacement**

**Home smart energy management**

**Safe, efficient, green energy**

**Large capacity energy storage lithium iron phosphate battery**

-  Compact size
-  High efficiency
-  Easy installation
-  High energy density



Model	Powerporter 5.0	Powerporter 9.0	Powerporter 10.0	Powerporter 12.0	Powerporter 15.0
<b>Battery Data</b>					
Nominal Voltage	51.2V				
Nominal Energy	5.1kWh	9.0kWh	10.2kWh	12.2kWh	15.4kWh
Discharge Voltage	45~54V				
Charge Voltage	51.5V~54V				
Cont. Charge Current	50A	100A	100A	180A	180A
Max. Charge Current	100A	125A	150A	200A	200A
Cont. Discharge Current	65A	100A	100A	180A	180A
Cont. Discharge Current	100A	125A	150A	200A	200A
Cont. Discharge DC Power	3000W	5000W			10000W
Max. Discharge DC Power	5000W/ More than 2 units in parallel	10000W/ More than 2 units in parallel			30000W/ More than 2 units in parallel
Operating temperature	0°C ~ 45°C (Charge), -20°C ~ 45°C (Discharge)				
<b>General Data</b>					
Scalability	Up to 4 units				
DOD	90%				
Communication	CAN2.0 / RS485				
Cycle Life	> 6000				> 5500
IP Grade	IP31				
Installation	Wall or Floor mount				Floor mount
Dimension	745×460×165mm	795×494×220mm	830×460×200mm	860×460×262mm	1000×450×252.8mm
Weight	49.5kg	85kg	94kg	115kg	126.6kg
Warranty	5 Years				
UN38.3, IEC62619, CE					

\* When the temperature is below 0 °C or above 45°C, the performance will be limited.