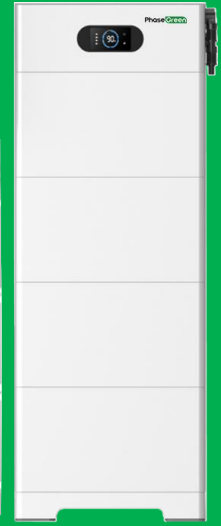
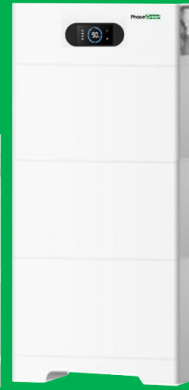


Hybrid Inverter and Battery



CEC Approved

Friendly capacity options



Stackable module design based on capacity of 5kWh, expandable to 60kWh with 3 systems of 20kWh in parallel.



Easy to install

Easy plug-in and ready to use, light-weighted system with less manpower to install



Excellent low temp. performance (Optional)

No degradation in performance at -10°C



Smart Energy Management System

Real-time monitoring in control of safe and reliable operation, no boundary to remotely upgrade system for maintenance.



Product Series	eWatt-5-5	eWatt-10-5	eWatt-15-5	eWatt-20-5	eWatt-10-8	eWatt-15-8	eWatt-20-8	eWatt-15-10	eWatt-20-10
Model	PhG-ESS-5PhG5	PhG-ESS-10PhG5	PhG-ESS-15PhG5	PhG-ESS-20PhG5	PhG-ESS-10PhG8	PhG-ESS-15PhG8	PhG-ESS-20PhG8	PhG-ESS-15PhG10	PhG-ESS-20PhG10
System									
Energy Capacity(kWh)	5	10	15	20	10	15	20	15	20
Max.PV Input Power(kW)	7.5				12			15	
Max. EPS output(Back-up)(kW)	5.5				8.8			11	
Rated EPS output(Back-up)(kW)	5				8			10	
Grid Input Voltage(V)	120/240 Split Phase								
AC Output Voltage(V)	120/240 Split Phase								
Frequency (Hz)	50 /60								
Battery									
Battery type	Lithium Iron Phosphate								
Battery Nominal voltage(V)	48								
Voltage range (V)	44.8~55.2								
Charging temperature	-10°C~50°C (14°F~122°F)								
Discharging temperature	-20°C~50°C (-4°F~122°F)								
PV									
MAX. DC System Voltage	500 V								
MPPT Operating Voltage Range	120 V – 500 V								
NO. of MPPT Tracker/String	4/1								
MAX. Input Current per MPPT	14 A								
Max. Short-circuit Current per MPPT	22 A								
Protection									
Grounding Detection	YES								
Arc Fault Circuit Interrupt Protection	YES								
Island Protection	YES								
Battery Reverse Polarity	YES								
Insulation Resistor Detection	YES								
Residual Current Monitoring Unit	YES								
Back-up Output Short Protection	YES								
Terminal Temperature Detection	YES								
Output Over Voltage Protection	YES								
Output Over Current Protection	YES								
Output Under Voltage Protection	YES								

*Note: If you need more detail data, please contact us.

Version V1.0