

Specifications

Model	HPW-5000
PV Input	
MAX.DC Input Power	7.5kW
NO. MPPT Tracker	4
MPPT Range/ MAX.DC Input Voltage	120V-500V/ 500V
MAX.Input Current	12A
AC Output(On-Grid)	
Nominal Output Power Output to Grid	5kVA
MAX. Apparent Power Output to Grid	5.5kVA
Output Voltage Range	110V-120V/220V-240V split phase, 1φ, 230 1 phase (American Standard); 220V/50Hz for Europe Standard
Output Frequency	50Hz/60Hz (45Hz to 54.9Hz/ 55Hz to 65Hz)
Nominal AC Current Output to Grid	21.7A
Max. AC Current Output to Grid	24A
Max. AC Current From Grid	35A
Output Power Factor	0.8leading~0.8lagging
OutPut THDI	<2%
AC Output (Back-Up)	
Nominal.Apparent Power Output	5kVA
MAX. Apparent Power Output	5.5kVA
NominalOutput Voltage L-N/ L1-L2	120V/240V
Nominal Output Frequency	60Hz
Output THDU	<2%

Efficiency	
Europe Efficiency	>97.8%
MAX.Battery to Load Efficiency	>97.2%
General info	
Dimension	450x210x1550mm
Weight	60kg
Battery Type	5.12kWh High Capacity LiFePO4 Battery
Cooling Strategy	Natural Convection
Standby Power	<2W(Work)/<50mW(Sleep)
Protection Rated/ Altitude	IP65/ ≤2000m
Operating Temperature Range/ Humidity	0°C~50°C/ 5%~95%
Display	APP /TFT Screen
CommunicationInterface	RS485,CAN
Warranty	10 Years
Compliance	
Safety	UI1741& UL1741SAAll Options, UL1699B, CSA C22.2, UL62109-1, UL1998
EMC	FCC Part 15 Class B
Grid Connection Standards	IEEE 1547,IEEE 2030.5, Hawaii Rule 14H, Rule 21 Phase I,II,II
Transportation	UN38.3(ST/SG/AC.10/11/Rev.7/Amend.1 Part III sub-section 38.3)