

HE300-7200-FP-I5



Off-Grid Inverter



Feature



High safety

Dustproof net design with efficient dust prevention and overload protection



Low no-load loss

Stable, Reliable, Energy-Saving and Efficient



360-Degree Protection

short-circuit protection, over-load protection and other functions



Output pure sine wave

Output pure sine wave to protect electrical appliances



Online Data Monitoring

Online data monitoring is available via the mobile app



Battery free operation

Battery free operation reduces user investment

Product details

Performance characteristics

- Low no-load loss
- Pure sine wave output, compatible with various loads
- Output short-circuit protection function
- Multiple parameters can be adjusted according to user needs
- Online data monitoring is available via the mobile app, allowing users to keep track of the inverter's operating status



Product model: HE300-7200-FP-I5 Off-Grid Inverter

Inverter output

Maximum output power	6200W
Maximum output voltage	240VAC ± 5% (Single Phase)
Maximum output current	28.2A
Maximum Output Frequency	50/60Hz
Output waveform	Sine wave
Output topology	L+N+PE

Battery

Type	Lead acid/lithium batteries
Rated battery voltage	48Vdc
Max PV charging current	120A
Charging method	Two way/three way/automatic setting

Photovoltaic input

MPPT channels	1
Maximum Input Power	8500W
Maximum open circuit voltage	500Vdc
Maximum input short-circuit current	27A
Input open circuit voltage range	60~450Vdc
Maximum photovoltaic charging efficiency	98%

Municipal power/generator input

Input Voltage	90-280VAC ± 3V (APL Mode) 170-280VAC ± 3V (UPS Mode)
Rated input voltage	230Vac
Input frequency	50/60Hz
Maximum current	100A

General parameters

Product Size	420*315*120mm
Packaging Size	495*405*220mm
Net weight	9.7kg
Gross weight	11.2kg
Protection grade	IP54
Operation temperature	-10°C~60°C
Cooling method	Intelligent air cooling
Humidity	5%~95%