

HE300-4200-T



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



Online Data Monitoring

Online data monitoring is available via the mobile app



Battery Reverse Polarity Protection Fuse

Prevent irreversible damage caused by reverse connection of positive and negative poles

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: HE300-4200-T Off-Grid Inverter	
Inverter output	
Maximum output power	3000W
Maximum output voltage	240VAC ± 5% (Single Phase)
Maximum output current	13.63A
Maximum Output Frequency	50/60Hz
Output waveform	Sine wave
Output topology	L+N+PE
Battery	
Type	Lead acid/lithium batteries
Rated battery voltage	24Vdc
Max PV charging current	100A
Charging method	Two way/three way/automatic setting
Photovoltaic input	
MPPT channels	1
Maximum Input Power	3000W
Maximum open circuit voltage	500Vdc
Maximum input short-circuit current	13A
Input open circuit voltage range	30~450Vdc
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 Mains Charging Current	60A
General parameters	
Product Size	402*310*105mm
Packaging Size	467*390*188mm
Net weight	6.5kg
Gross weight	7.45kg
Protection grade	IP21
Operation temperature	-10°C~50°C
Cooling method	Intelligent air cooling
Humidity	20%~95%