

# HE200-4200-T

## Photovoltaic hybrid grid inverter

HE200 is a hybrid inverter that can operate off grid, grid connected, and hybrid, outputting pure sine waves. Combining bidirectional inverters, solar chargers, and UPS functions, it has the ability to set battery charging voltage and current, multiple power input and output priority settings, and adjustable output AC voltage and frequency. It is suitable for different power grid environments and has a mobile APP for online data monitoring.



### High safety

Dustproof net design with efficient dust prevention and overload protection



### Battery free operation

Battery free operation reduces user investment



### Complementary power supply

Photoelectric complementarity



### Output pure sine wave

Output pure sine wave to protect electrical appliances



### Anti backflow mixed network work

Mixed network work with anti backflow capabilities

## Product model: HE200-4200-T hybrid inverter

Inverter output	
	HE200-4200-T
Maximum output power	3600W
Maximum output voltage	240Vac $\pm$ 5% ( single phase)
Maximum output current	15.7A
Maximum Output Frequency	50/60Hz
Output waveform	sine wave
Output topology	L+N+PE
Maximum number of parallel machines	
Battery	
Type	Lead acid/lithium batteries
Rated battery voltage	24Vdc
Maximum photovoltaic hybrid charging current	100A
Charging method	Two way/three way/automatic setting
Photovoltaic input	
MPPT channels	1
Maximum Input Power	5000W
Maximum open circuit voltage	500Vdc
Maximum input short-circuit current	18A
Input open circuit voltage range	40-450Vdc
	99.5%
Municipal power/generator input	
Input Voltage	90-280Vac
Rated input voltage	220Vac
input frequency	50/60Hz
Maximum current	20A
General parameters	
Size	420*298*106
Net weight	6.46kg
Gross weight	7.80kg
Protection grade	IP21
Operation temperature	-10°C~50°C
Cooling method	Intelligent air cooling
Humidity	5%~95%