

HE200-6500-T/F

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: HE200-6500-T/F hybrid inverter

Inverter output		
	HE200-6500-T	HE200-6500-F
Maximum output power	5500W	5500W
Maximum output voltage	240Vac $\pm$ 5% (single phase)	240Vac $\pm$ 5% (single phase)
Maximum output current	23.9A	23.9A
Maximum Output Frequency	50/60Hz	50/60Hz
Output waveform	sine wave	sine wave
Output topology	L1+N1+L2+N2+PE	L1+N1+L2+N2+PE
Maximum number of parallel machines		
Battery		
Type	Lead acid/lithium batteries	Lead acid/lithium batteries
Rated battery voltage	24Vdc	48Vdc
Maximum photovoltaic hybrid charging current	160A	80A
Charging method	Two way/three way/automatic setting	Two way/three way/automatic setting
Photovoltaic input		
MPPT channels	1	1
Maximum Input Power	9000W (4KW charging+5KW inverter)	6000W
Maximum open circuit voltage	500Vdc	500Vdc
Maximum input short-circuit current	27A	20A
Input open circuit voltage range	60-450Vdc	120-450Vdc
	99.5%	99.5%
Municipal power/generator input		
Input Voltage	90-280Vac	90-280Vac
Rated input voltage	220Vac	220Vac
input frequency	50/60Hz	50/60Hz
Maximum current	40A	40A
General parameters		
Size	395*332.4*116.2	458*306*114.5
Net weight	8.4kg	8.4kg
Gross weight	9.8kg	9.90kg
Protection grade	IP21	IP21
Operation temperature	-10°C~50°C	-10°C~50°C
Cooling method	Intelligent air cooling	Intelligent air cooling
Humidity	5%-95%	5%-95%