

# HE200-6500-FP

## 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-FP hybrid inverter

Inverter output		
	HE200-6500-FP	
Maximum output power	49500W (9 parallel expansion machines)	49500W (9 parallel phase separation machines)
Maximum output voltage	240Vac±5% (single phase)	415Vac±5% (three-phase)
Maximum output current	215A	130A
Maximum Output Frequency	50/60Hz	
Output waveform	sine wave	
Output topology	L1+N1+L2+N2+PE	
Maximum number of parallel machines	9 units	
Battery		
Type	Lead acid/lithium batteries	
Rated battery voltage	48Vdc	
Maximum photovoltaic hybrid charging current	80A	
Charging method	Two way/three way/automatic setting	
Photovoltaic input		
MPPT channels	1 machine, 1 route, and 9 machines, 9 routes	
Maximum Input Power	1 way maximum 6000W	
Maximum open circuit voltage	500Vdc	
Maximum input short-circuit current	20A	
Input open circuit voltage range	120~450Vdc	
	99.5%	
Municipal power/generator input		
Input Voltage	90~280Vac	
Rated input voltage	220Vac	
input frequency	50/60Hz	
Maximum current	40A	
General parameters		
Size	458*306*114.5	
Net weight	8.4kg	
Gross weight	9.9kg	
Protection grade	IP21	
Operation temperature	-10℃~50℃	
Cooling method	Intelligent air cooling	
Humidity	5%-95%	