

HE300-12000-F/I5

Photovoltaic hybrid grid inverter



Feature



High safety

Dustproof net design with efficient dust prevention and overload



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 details

Performance characteristics

- Configurable input voltage range for home appliances and personal computers via LCD setting
- Auto restart while AC is recovering
- Overload/Over temperature/short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function



Product model: HE300-12000-F/I5 hybrid inverter		
Inverter output		
	HE300-12000-F	HE300-12000-F-I5
Maximum output power	11000W	
Maximum output voltage	240Vac ± 5% (single phase)	
Maximum output current	50A	
Maximum Output Frequency	50/60Hz ± 0.1%	
Output waveform	Sine wave	
Output topology	L1+N1+L2+N2+PE	
Maximum number of parallel machines		
Battery		
Type	AGM/LIB	
Rated battery voltage	48Vdc	
Maximum photovoltaic hybridcharging current	150A	
Photovoltaic input		
MPPT channels	2	
Maximum Input Power	2*7500W	
Maximum open circuit voltage	500Vdc	
Maximum input short-circuit current	27A	
Input open circuit voltage range	90~500Vdc	
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	
General parameters		
Product Size	550*466*144mm	600*505*245mm
Packaging Size	633*550*235mm	705*604*255mm
Net weight	21kg	22.9kg
Gross weight	24kg	26.5kg
Protection grade	IP21	IP54
Operation temperature	-10°C~50°C	
Cooling method	Intelligent air cooling	
Humidity	20%~95%	