

HSI 3-5.5KW



Product Features

- The 5500P model can connect up to 6 devices in parallel
- Supports remote monitoring
- MPPT tracking efficiency up to 99.9%
- Supports lithium-ion battery BMS communication and BMS dual activation
- Maximum photovoltaic charging current up to 100A
- With comprehensive safety protection from hardware to software
- Easy to install and easy to use

Model	HSI 3000S	HSI 3000U
Inverter output		
Rated output power		3,000W
Peak Power		6,000VA
Rated output voltage	230Vac, Single Phase	120Vac, Single Phase
Motor load capacity		2HP
Output frequency		50Hz/60Hz
Output voltage waveform		Pure sine wave
Conversion time		10ms (Typical Value)
Battery		
Battery Type	Lithium-ion battery/lead-acid battery/user-defined	
Rated battery voltage		24V
Battery voltage range		20 ~ 33Vdc
Maximum photovoltaic charging current	60A	60A
Maximum AC/generator charging current	80A	40A
Maximum hybrid charging current	140A	100A
Photovoltaic input		
MPPT number		1
Maximum photovoltaic input power		1,600W
Maximum input current		40A
Maximum open circuit voltage		108Vdc
MPPT voltage range		30 ~ 90Vdc
Municipal power/generator input		
Input voltage range	UPS pattern: 170 ~ 280Vac; APL pattern: 90 ~ 280Vac	90 ~ 140Vac
Input frequency		50/60Hz
Bypass overload current	30A	40A
currency		
size	378*280*103mm	
weight	6.8kg	
Protection level	IP20, Indoor only	
Working temperature range	-10°C~55°C	
Cooling method	Air cooling	
Warranty period	18个月	
signal communication		
Built in interface	RS485 / USB / Dry contact point	
External module (optional)	Wi-Fi / GPRS	