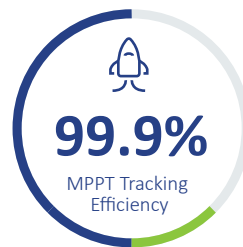
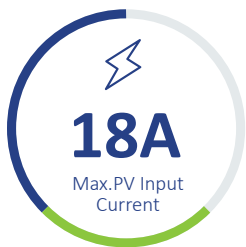




Single Phase Off-grid Inverter

HESS-OF-S-5.0K

SMART ENERGY
SUSTAINABLE SOLUTIONS ”



Efficiency

- Advanced MPPT with up to 99.9% efficiency
- Multiple charge and discharge modes are available

Safety

- 360 degrees of security from hardware to software
- With IEC certification

User-Friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

All in one

- Support for many types of batteries
- Supports Li-ion battery BMS communication

Reliable

- Outputs high-quality pure sine wave AC power
- Reliable output for long periods at rated power

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Support for remote monitoring of operating parameters

Single Phase Off-grid Inverter

Model	HESS-OF-S-5.0K
Inverter Output	
Rated Output Power	5000W
Max.Peak Power	10000VA
Rated Output Voltage	230Vac
Load Capacity of Motors	4HP
Rated AC Frequency	50Hz/60Hz
Waveform	Pure Sine Wave
Switch Time	10ms (typical)
Battery	
Battery Type	Li-ion / Lead-Acid / User Defined
Rated Battery Voltage	48Vdc
Voltage Range	40-60Vdc
Max.MPPT Charging Current	80A
Max.Mains/Generator Charging Current	60A
Max.Hybrid Charging Current	80A
PV Input	
Num.of MPP Trackers	1
Max.PV array power	5200W
Max.input current	18A
Max.Voltage of Open Circuit	500Vdc
MPPT Voltage Range	120-450Vdc
Mains/Generator Input	
Input Voltage Range	UPS: 170~280Vac APL: 90~280Vac
Frequency Range	50Hz/60Hz
Bypass Overload Current	40A
Efficiency	
MPPT Tracking Efficiency	99.9%
Max. Battery Inverter Efficiency	92%
General	
Dimensions	426*322*124mm
Weight	10.8kg
Protection Degree	IP20, Indoor Only
Operating Temperature Range	-15°C ~ 55°C
Noise	<60dB
Cooling Method	Intelligent fan
Communication	
Embedded Interfaces	RS485/CAN/USB/Dry contact
External Modules (Optional)	WiFi/GPRS
Certification	
Safety	CE(IEC 62109-1)/CETL(UL 1741 C22.2 No.107.1)
EMC	EN61000
RoHS	Yes



Product Info

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