



Inverter

HESS-OF-S-10K

Efficient

- ✓ Dual MPPT with up to 99.9% efficiency
- ✓ Up to 22A PV input current perfect for high power

User-Friendly

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

All in one

- ✓ Solar Charger Controller up to 200A charging current
- ✓ Support for Li-ion battery BMS communication

Reliable

- ✓ Outputs high-quality pure sine wave AC power
- ✓ 8-10kW load power to meet the needs of most households

Safety

- ✓ 360 degrees of security from hardware to software
- ✓ EU, IEC safety approvals

Intelligent

- ✓ Exclusive Li-ion battery BMS dual activation
- ✓ Time-slot function to save cost with peak-valley tariff

“Power Your Home
Power Your Life”

Model	HESS-OF-S-10K
Inverter Output	
Rated Output Power	10,000W
Max.Peak Power	15,000W
Rated Output Voltage	230Vac (single-phase L/N/PE)
Load Capacity of Motors	6HP
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	200A
Max.Mains/Generator Charging Current	120A
Max.Hybrid Charging Current	200A
PV Input	
Num.of MPP Trackers	2
Max.PV array power	5,500W + 5,500W
Max.input current	22A + 22A
Max.Voltage of Open Circuit	500Vdc + 500Vdc
MPPT Voltage Range	125-425Vdc
Mains/Generator Input	
Input Voltage Range	90-270Vac
Frequency Range	50Hz/60Hz
Bypass Overload Current	63A
Efficiency	
MPPT Tracking Efficiency	99.9%
Max. Battery Inverter Efficiency	92%
General	
Dimensions	620*445*130mm
Weight	27kg
Protection Degree	IP20, Indoor Only
Operating Temperature Range	-15~55°C, >45°C derated
Noise	< 60dB
Cooling Method	Internal Fan
Communication	
Embedded Interfaces	RS485 / CAN / USB / Dry contact
External Modules (Optional)	WiFi/GPRS
Certification	
Safety	IEC62109-1, IEC62109-2
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B
RoHS	Yes



Official Website



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