HES PRO-T SERIES

All IN ONE SOLAR POWER GENERATOR WITH LifePO4 BATTERY

- Pure sine wave
- All in one design
- WiFi
- Alarm&Protection
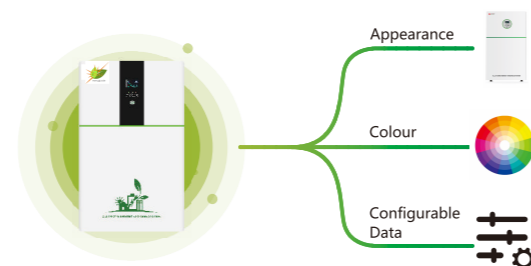- LiFePO4
- Various charging methods

ALL IN ONE ENERGY STORAGE SYSTEM

Features

- Convenient installation, integrating solar controller, inverter and battery all in one machine.
- Compact and elegant design, unique art design and convenient output connection port.
- Flexible energy storage capacity, supporting three charging methods: solar power , Petrol and diesel generator , and grid power .
- Support wifi or app monitoring.
- With overvoltage, overtemperature, overload, battery BMS communication and comprehensive protection.

OEM/ODM

- Appearance
- Colour
- Configurable Data

Application

- Household
- Office Equipment
- Camping
- Car electricity
- Speaker Equipment
- Agricultural Irrigation

Technical Parameters

Model	HES PRO-T50248
Power	
Rated Power	5000W
Single/Parallel	Single
Battery	
Standard Battery Voltage	48V
Battery Type	LiFePO4 battery
Battery Capacity	51.2VDC 100AH （Can parallel batteries, standard rack mount，19inch/3U）
Max Charge/Discharge Current	100A
Charge/Discharge Cut-off Voltage	58.4VDC/44.8VDC
AC Input	
AC Input Voltage	220VAC/230VAC/240VAC
AC Input Frequency	43Hz~53Hz（50Hz），53Hz~63Hz（60Hz)
AC Output	
Output Wave	Pure Sine Wave
Conversion Efficiency (INV mode)	94%（peak value）
Output Voltage/Frequency (INV mode)	220VAC/230VAC/240VAC±2%/50Hz ±1%,60Hz ±1%
MPPT Solar Charge Controller	
Max PV Input Voltage （Voc） (At The Lowest Temperature)	500VDC
PV Array Maximum Power	6000W
MPPT Tracking Voltage Range	120V~450VDC
MAX PV Charging Current	100A
Other	
Protection	Battery undervoltage protection/Battery overvoltage protection/Overload power protection/ Inverter output short circuit protection/Temperature protection
Protection Degree	IP20
Display	LCD+LED
Cooling Method	Cooling fan in intelligent control
Communication	USB/RS232 communication , mobile APP (WIFI monitoring or GPRS monitoring) Optional
Working Mode	Mains priority/PV priority/Battery priority
Operating Temperature	-15 ℃ ~40 ℃
Relative Humidity	0%-95% (No condensation)
Size	
Product Size(L*W*Hmm)	525*180*900
Package Size(L*W*Hmm)	535*190*910

Note: 1. Specifications are subject to change without prior notice;　　2. Special voltage and power requirements can be customized according to the actual situation of users.