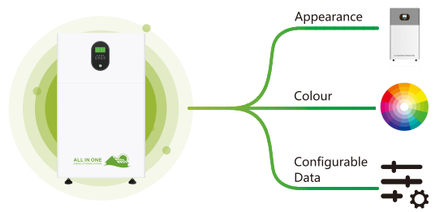
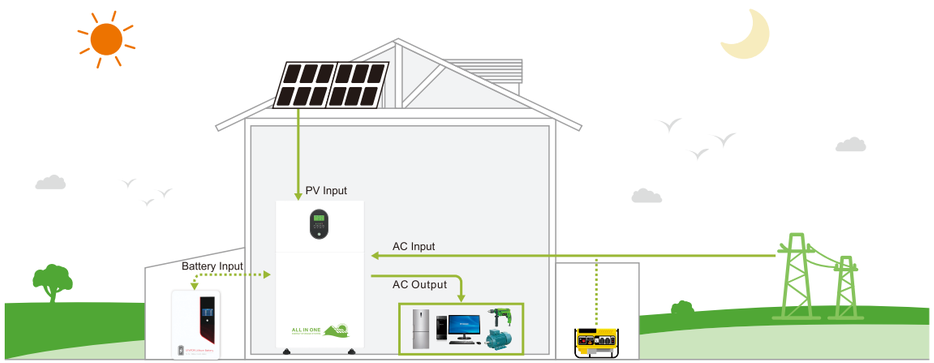
Features

- 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 communication through mobile APP/RS485, etc.
- With overvoltage, overtemperature, overload, battery BMS communication and comprehensive protection.

OEM/ODM



Application



HES High Frequency Lithium Solar Generator 6.3KW

Technical Parameters

Model	HES 63248
Rated Power	6300W
PV Input	
Max PV Input Voltage(Voc) (At The Lowest Temperature)	500VDC
PV Array Maximum Power	7000W
MPPT Tracking Voltage Range	80Vdc~450Vdc
MAX PV Input Current	27A
Battery	
Standard Battery Voltage	48V
Battery Type	LiFePO4 battery
Battery Capacity	51.2VDC 100AH（Can parallel batteries, standard rack mount，19inch/3U）
Max PV/AC Charging Current	120A / 80A
Max Charging Current	120A
AC Input	
AC Input Voltage	220VAC or 230VAC or 240VAC
AC Input Frequency	45Hz~55Hz（50Hz），55Hz~65Hz（60Hz）
AC Output	
Output Wave	Pure Sine Wave
Conversion Efficiency (INV mode)	94%（peak value）
Output Voltage/Frequency	220VAC/230VAC/240VAC±2%；50Hz±1%, 60Hz±1%
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	RS485 / Mobile APP (WIFI Monitoring) (Optional)
Working Mode	Off Grid Mode / Hybrid Mode / Grid Connected Mode
Operating Temperature	-10 ℃ ~50 ℃
Elevation	2000m(more than derating)
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.