

GSL ALL IN ONE FULL OFF-GRID System (220V Single Phase) (120/240V Split Phase)



GSL-HESS 1200 (1000w)
GSL-HESS 2400 (1500w)
GSL-HESS 4800 (4000w)



GSL-HESS1200

Portable Solar
Power System

Product Features

- Double CPU intelligent control technology, performance excellence;
- The power mode / energy saving mode / battery mode can be set up, Flexible application;
- Smart fan control, safe and reliable;
- The pure sine wave output, can adapt to various types of load;
- Wide input voltage range, high-precision output automatic voltage function ;
- The LCD real-time display device parameters, running status at a glance;
- The output overload, short circuit protection, automatic protection and alarm;
- The intelligent solar controller, overcharge, overdischarge protection, current limiting charging, multiple protection;
- Automatic operation of the inverter, the use of the process does not require human values;



Portable Solar Power System

GSL-HESS1200

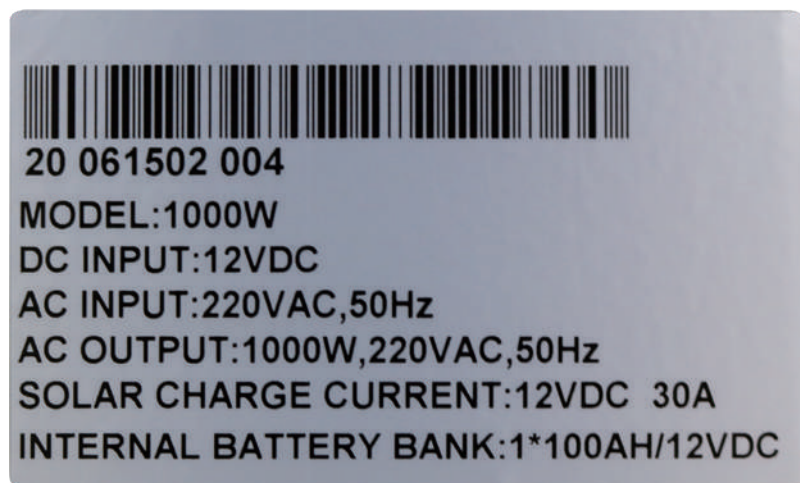
Application Range



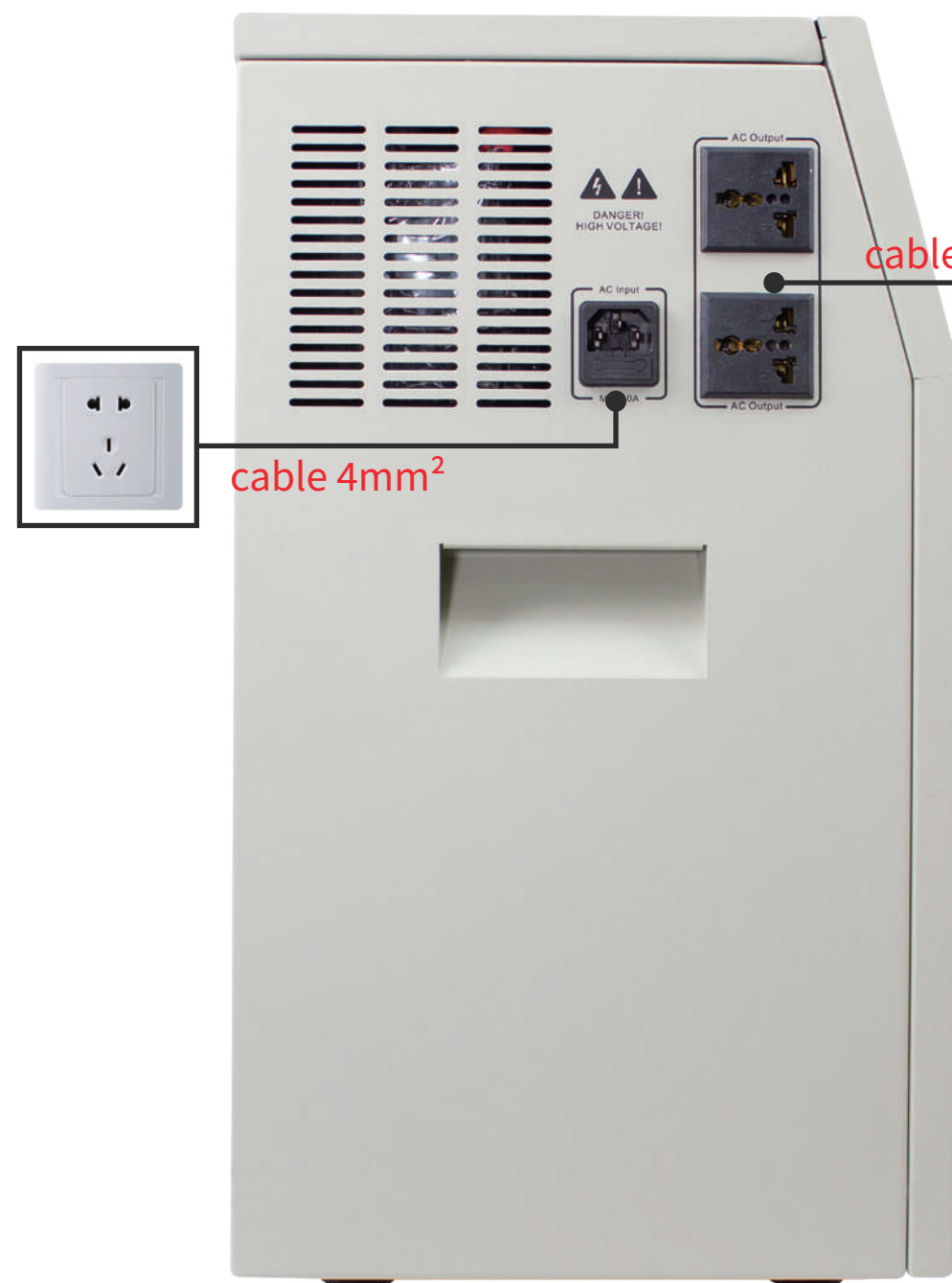
Solar Panel Power	340W
Full Charging Time	7-8 Hours (340W)
Lithium Battery	DC12V 100AH
Power Adapter Charging	DC14.5V 4A
AC220V Pure Sine Wave Output	1000W 50/60HZ
DC12V Output	60W
DC5V Output	10W
Battery Indicator	Four Levels
LED Bulb Working Time With Full Charged Battery	5W/200 Hours
Chargeable Cellphone (1000mAH) Quantity With Full Charged Battery	270pcs
Under-Voltage Indicator	Yes
Over-Current Indicator	Yes
Charging Indicator	Yes
Battery Extension Terminal	Yes
Outline Size (mm)	420*280*500
Host Weight (Kg)	40
Working Environment Temperature Range	-25 ~ +55°C



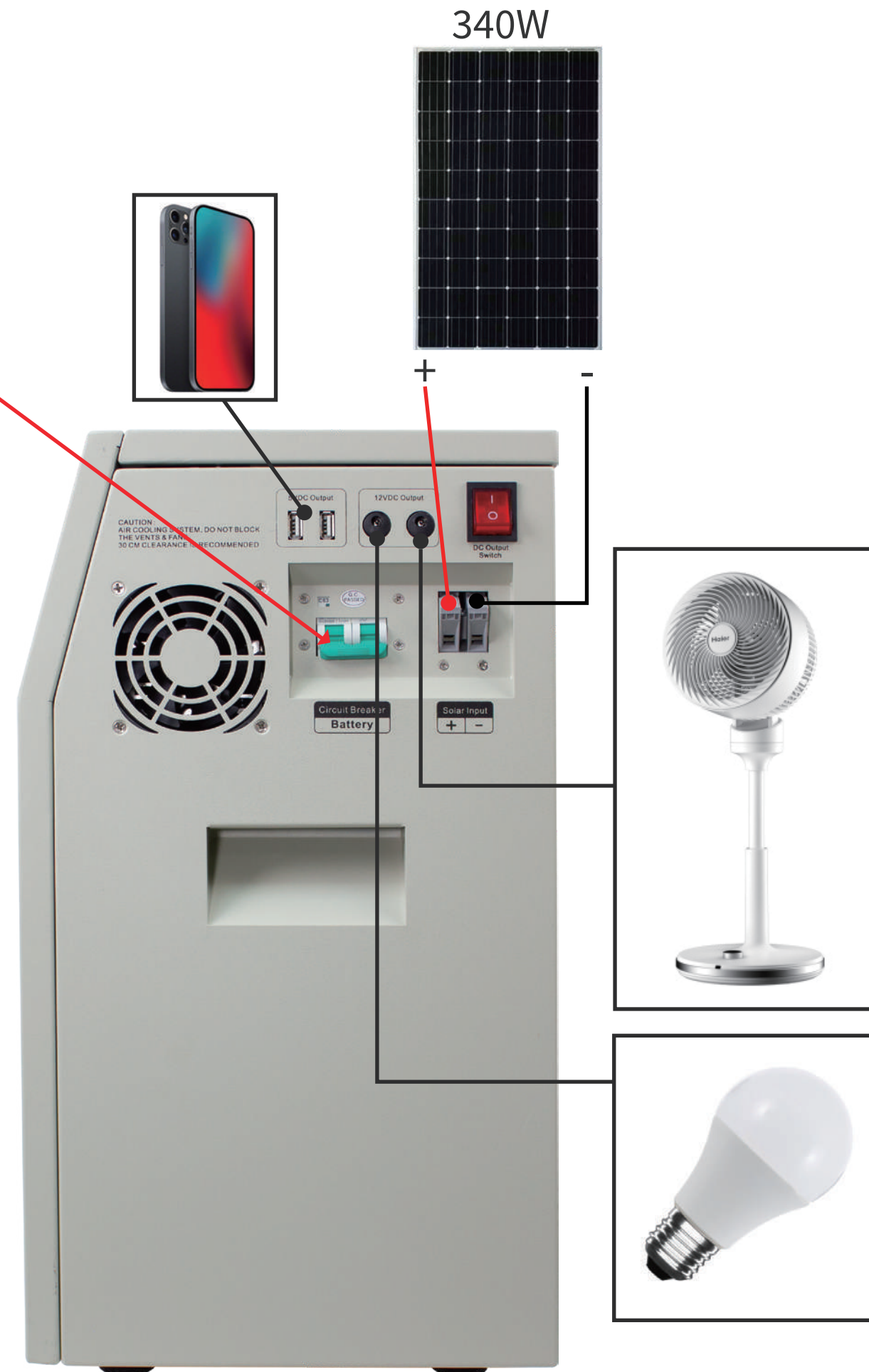
Portable Solar Power System GSL-HESS1200



Any time , the first step is
"TURN ON THE BATTERY"



220V AC



Portable Solar Power System

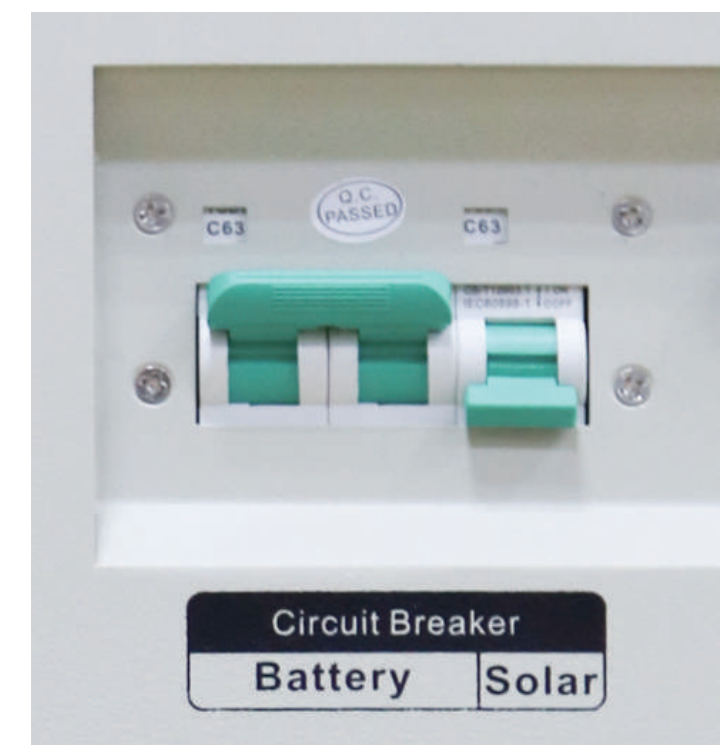
GSL-HESS1200

Working mode

Icon	Working mode	Running state
	The grid priority mode	Mains priority mode, after the device starts and the grid input under normal operation, the equipment through the grid bypass regulator to supply power to the load, at the same time power battery; When the grid is having too high / low / serious distortion or other abnormal , equipment will make battery energy through internal module transfer into high quality electricity and supply power to load.
	Battery priority mode	Battery priority mode, When the battery in the external charging device (such as solar charging system) after adequate power charged, equipment will automatically convert to battery energy through internal module into high quality electricity for load; When the battery power drops to a low voltage threshold, the device supplies power to the load through the mains bypass voltage regulation, but does not add power to the battery pack. This mode is mainly designed for new energy power generation systems (such as wind and solar power generation systems).



ATTENTION: ANY MODEL(1 OR 3), ANY TIME , The first step is "TURN ON THE BATTERY".



GSL-HESS2400

Portable Solar
Power System

Product Features

- Double CPU intelligent control technology, performance excellence;
- The power mode / energy saving mode / battery mode can be set up, Flexible application;
- Smart fan control, safe and reliable;
- The pure sine wave output, can adapt to various types of load;
- Wide input voltage range, high-precision output automatic voltage function;
- The LCD real-time display device parameters, running status at a glance;
- The output overload, short circuit protection, automatic protection and alarm;
- The intelligent solar controller, overcharge, overdischarge protection, current limiting charging, multiple protection;
- Automatic operation of the inverter, the use of the process does not require human values;



Portable Solar Power System

GSL-HESS2400

Application Range



Solar Panel Power	2*300W
Full Charging Time	7 Hours
Lithium Battery	DC24V 100AH
Power Adapter Charging	DC14.5V 4A
AC220V Pure Sine Wave Output	1500W
DC12V Output	120W
DC5V Output	10W
Battery Indicator	Four Levels
LED Bulb Working Time With Full Charged Battery	5W/340 Hours
Chargeable Cellphone (1000mAH) Quantity With Full Charged Battery	520pcs
Under-Voltage Indicator	Yes
Over-Current Indicator	Yes
Charging Indicator	Yes
Battery Extension Terminal	Yes
Outline Size (mm)	575*320*600
Host Weight (Kg)	60
Working Environment Temperature Range	-25 ~ +55°C



Portable Solar Power System GSL-HESS2400



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MODEL:1500W

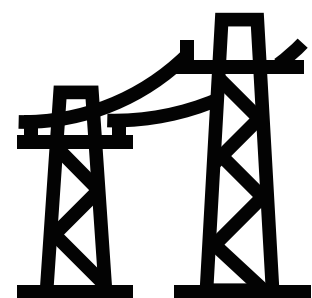
DC INPUT:24VDC

AC INPUT:220VAC,50Hz

AC OUTPUT:1500W,220VAC,50Hz

SOLAR CHARGE CURRENT:24VDC 50A

INTERNAL BATTERY BANK:1*100AH/12VDC



cable 6mm²

cable 6mm²

220V AC

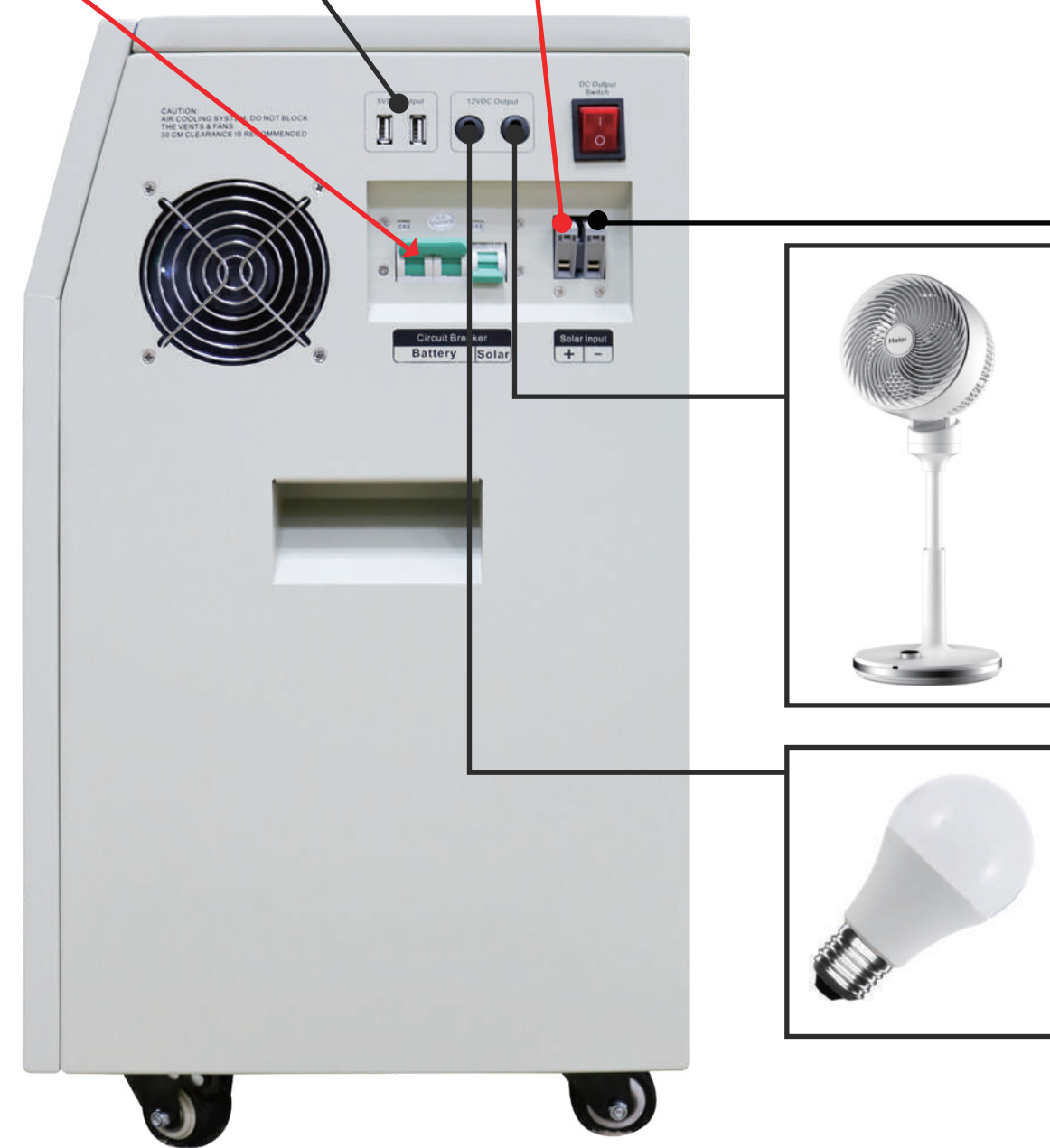
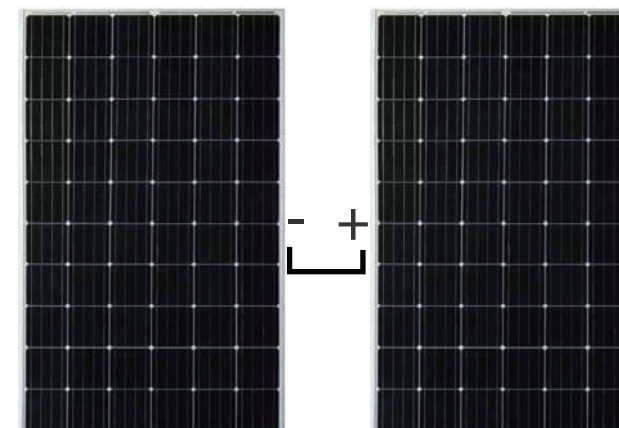


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300W



300W



Portable Solar Power System

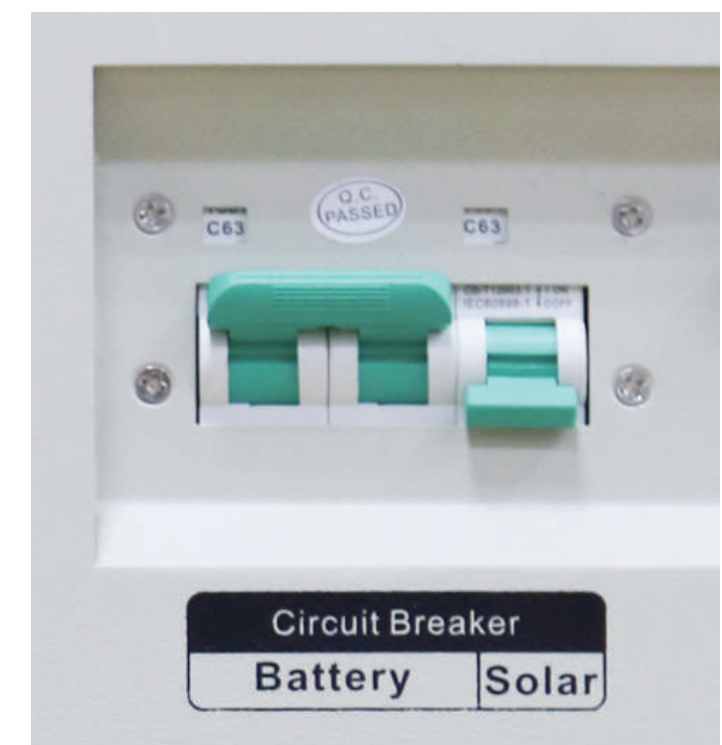
GSL-HESS2400

Working mode

Icon	Working mode	Running state
	The grid priority mode	Mains priority mode, after the device starts and the grid input under normal operation, the equipment through the grid bypass regulator to supply power to the load, at the same time power battery; When the grid is having too high / low / serious distortion or other abnormal , equipment will make battery energy through internal module transfer into high quality electricity and supply power to load.
	Battery priority mode	Battery priority mode, When the battery in the external charging device (such as solar charging system) after adequate power charged, equipment will automatically convert to battery energy through internal module into high quality electricity for load; When the battery power drops to a low voltage threshold, the device supplies power to the load through the mains bypass voltage regulation, but does not add power to the battery pack. This mode is mainly designed for new energy power generation systems (such as wind and solar power generation systems).



ATTENTION: ANY MODEL(1 OR 3), ANY TIME , The first step is "TURN ON THE BATTERY".



GSL-HESS4800

Portable Solar
Power System

Product Features

- Double CPU intelligent control technology, performance excellence;
- The power mode / energy saving mode / battery mode can be set up, Flexible application;
- Smart fan control, safe and reliable;
- The pure sine wave output, can adapt to various types of load;
- Wide input voltage range, high-precision output automatic voltage function;
- The LCD real-time display device parameters, running status at a glance;
- The output overload, short circuit protection, automatic protection and alarm;
- The intelligent solar controller, overcharge, overdischarge protection, current limiting charging, multiple protection;
- Automatic operation of the inverter, the use of the process does not require human values;



Portable Solar Power System

GSL-HESS4800

Application Range



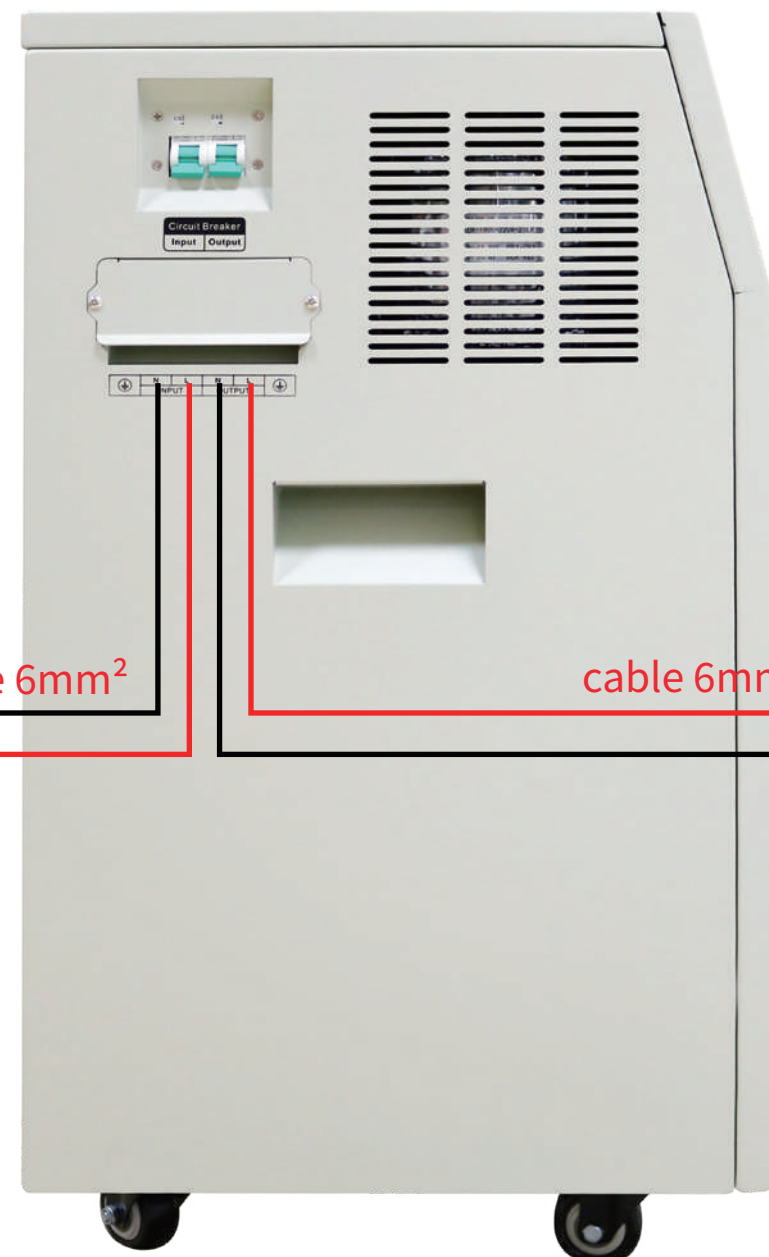
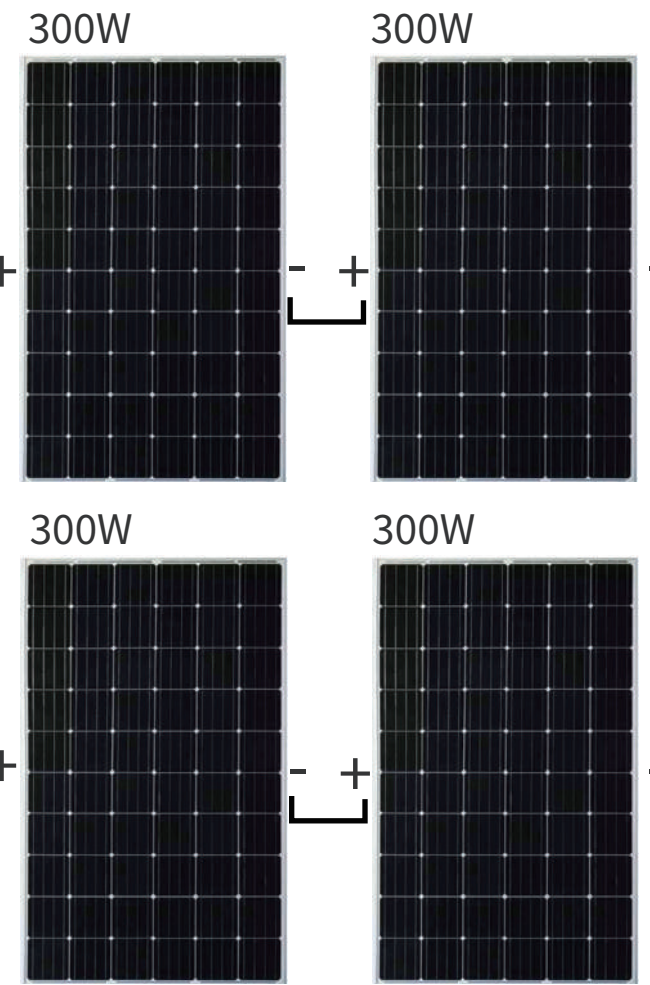
Solar Panel Power	4*300W
Full Charging Time	7 Hours
Lithium Battery	DC48V 100AH
Power Adapter Charging	DC14.5V 4A
AC220V Pure Sine Wave Output	1500W
DC12V Output	120W
DC5V Output	10W
Battery Indicator	Four Levels
LED Bulb Working Time With Full Charged Battery	5W/340 Hours
Chargeable Cellphone (1000mAH) Quantity With Full Charged Battery	520pcs
Under-Voltage Indicator	Yes
Over-Current Indicator	Yes
Charging Indicator	Yes
Battery Extension Terminal	Yes
Outline Size (mm)	510*350*650
Host Weight (Kg)	90
Working Environment Temperature Range	-25 ~ +55°C



Portable Solar Power System GSL-HESS4800

20 061502 014
MODEL:4000W
DC INPUT:48VDC
AC INPUT:220VAC,50Hz
AC OUTPUT:4000W,220VAC,50Hz
SOLAR CHARGE CURRENT:48VDC 60A
INTERNAL BATTERY BANK:1*100AH/12VDC



Any time , the first step is
“TURN ON THE BATTERY”



Portable Solar Power System

GSL-HESS4800

Working mode

Icon	Working mode	Running state
	The grid priority mode	Mains priority mode, after the device starts and the grid input under normal operation, the equipment through the grid bypass regulator to supply power to the load, at the same time power battery; When the grid is having too high / low / serious distortion or other abnormal , equipment will make battery energy through internal module transfer into high quality electricity and supply power to load.
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