

SPG Series

SOLAR INVERTER CHARGER

COSUPER
Cool life Super power



Designed for Solar

Easy to Set up



Pure Sine AC

2 yr Warranty

Designed for Solar

SPG series has both DC-to-DC and DC-to-AC capabilities - allowing you to power DC connected devices more efficiently. It also includes a solar charge controller for the charging of batteries using solar panels.

Easy Set up

The SPG series is also tailored for the easy set up of a solar power system. Just connect it to a solar panel and a battery to start powering devices with solar power.

Greater Efficiency

Anything with a transistor relies on DC electricity. By bypassing DC to AC conversion to supply power to LEDs and USB chargeable devices, the SPG series provides greater energy efficiency than inverters that only perform DC to AC conversions.

Pure Sine Wave AC

The SPG series output waveform for AC power is pure sine wave. It precisely simulates the AC power that is delivered from the electrical grid. It can provide power for all types of electrical loads including sensitive electronic devices.

Features:

● DC plus DC & AC output modes

Put SPG in DC only output mode to use less energy to power LEDs and electronic devices, or put it in DC & AC output mode to connect both DC and AC powered devices.

● LCD status screen

See in real time the status of the SPG and connected battery.

● 5V USB ports

Power up smartphones, tablets, cameras and other USB chargeable devices using the USB ports.

● Four 12V DC sockets

Plug in 5.5 mm x 2.5 mm DC barrel connectors into each socket. Each socket provides 12V power output. These sockets allow the running of 4 LEDs lights via DC power cables. You can also power other 12V DC devices via the DC sockets.

● Mounting Holes

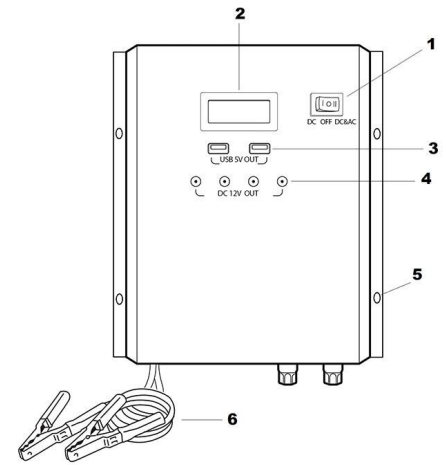
● DC power cables with clips or ring terminals (your choice)

Clips make it easy to connect and disconnect a standard 12V battery to SPG

● Cooling Fan

● Solar DC Input Connectors

connect the SPG solar inverter charger to a solar module in order for you to charge a battery and power equipment using solar energy.



Application

 **POWER DEVICES ANYWHERE**

 **STAY POWERED IN A BLACKOUT**

 **CHARGE UP A CAR BATTERY**

Power Range

300W

500 W

800 W

1000 W

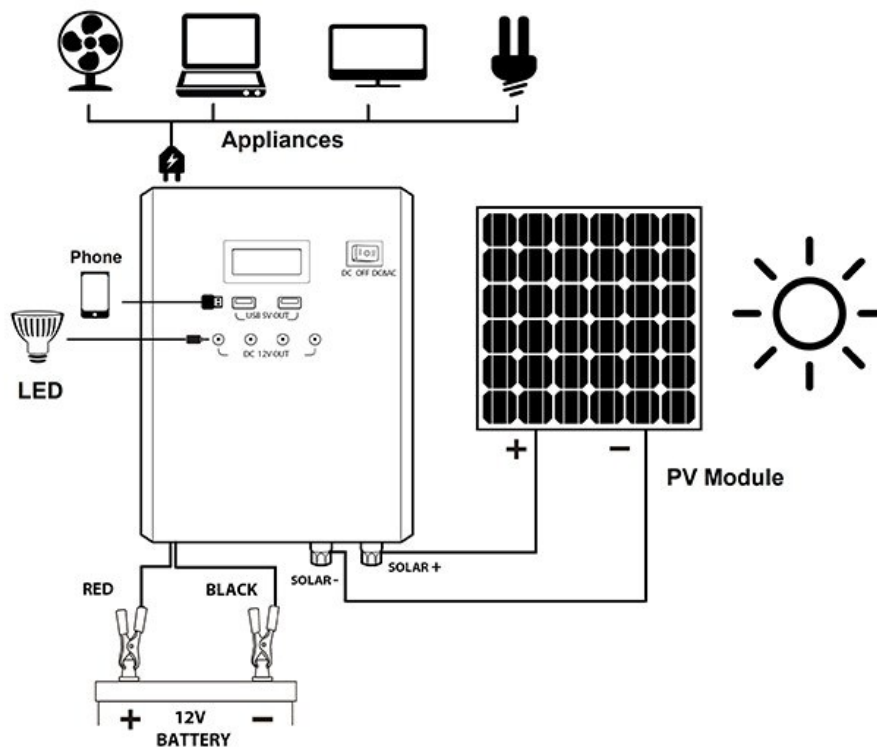
1500 W

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Mode		SPG300	SPG500	SPG800	SPG1000	SPG1500
Output Power		300W	500W	800W	1000W	1500W
Surge Power		600W	1000W	1600W	2000W	3000W
Nominal Battery DC Input Voltage		12VDC			12VDC / 24VDC	
AC Output Voltage		110V/220VAC				
Output Frequency		50/60Hz +/- 0.5%				
Output Waveform		Pure sine wave (THD<5%)				
DC Output Voltage		12VDC*4 , 5VDC USB *2				
Efficiency		> 90%				
No Load Current		< 0.3A	< 0.4A	< 0.5A	< 0.6A	< 0.6A
Solar Charge Controller		30A			40A	
Max Solar Module Input		360W			480W/960W	
AC Charger		12V 7A			12V 7A / 24V 4A	
Display	Small	battery capacity, DC state, AC state				
	Big	Battery voltage, battery capacity, solar charge current, ac output power, ac output voltage, frequency				
Accessory		3W LED light with 5m wire				
Dimensions(cm)		255mm *65 mm *200 mm				
Weight (Kgs)		2.5	3	3.8	4	4.5



*Specifications are subject to change without notice