

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

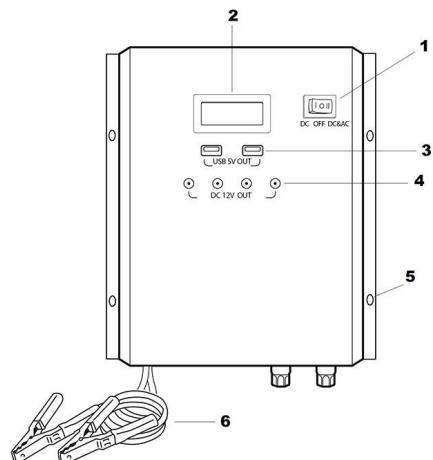
- DC power cables with clips or ring terminals (your choice)

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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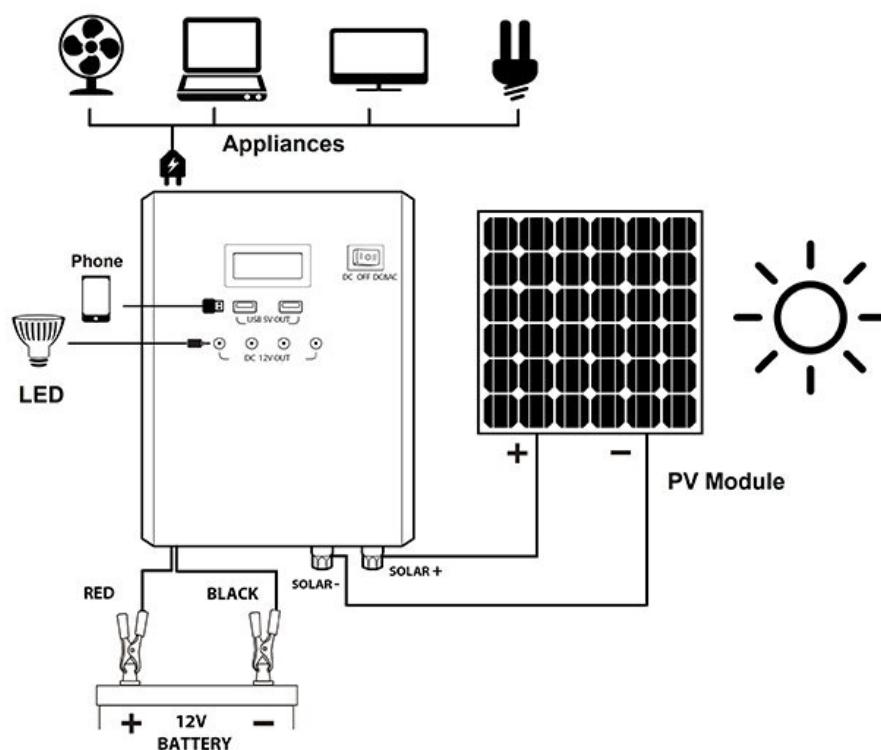
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Mode	SPG300	SPG500	SPG800	SPG1000	SPG1500						
Output Power	300W	500W	800W	1000W	1500W						
Surge Power	600W	1000W	1600W	2000W	3000W						
Nominal Battery DC Input Voltage	12VDC		12VDC / 24VDC								
AC Output Voltage	110V/220VAC										
Output 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

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