

# 200W portable solar power system



- Slim & elegant design
- LED indicators for easy readings
- Over-load, over-voltage, low-voltage, over heat and short circuit protection
- Customized deep cycle lead acid battery for special solar use
- Built-in 200W power inverter
- Output port: 1\* AC multiple socket, 3 \*DC 1A led sockets, 2 USB sockets, 2\*DC 12V cigarette sockets, for both DC battery charging and DC output power supply
- With booster cable, to help the engine start during emergency
- Air compressor is convenient for inflating your tyre.
- Emergency built-in Emergency light is convenient for you any time and any where



## Home power system benefits:

- Never run out of power at home or cottage
- Indefinite battery recharging
- No fuel required
- Completely safe for indoor use
- No noise and no fume
- Plug and play
- Multiple USB outputs capable of charging your iPad and iPhone

## Products Features:

- 1 AC outlet to power the AC loads( below 200W) at needed
- Can be charged by both solar & grid power, and DC power source
- 20AH embedded battery for different kinds of portable devices
- Jump cables for emergency engine start
- Built in LED light provide you the brightness any time and any where.

**SPECIFICATIONS****Solar power 400****AC inverter**

Maximum output power	250W(5 min.)
Continuous output power	200W
Surge power	400W
Wave	Modified sine wave
AC output	230V/50HZ or 110V 60HZ
Efficiency	>80%

**Solar Panel(Optional)**

Peak Power	1x40W
Voltage	18V
Open Circuit Voltage	22V
Current	1x3.3A

**Solar Charger(Embedded)**

Input Current	5A DC Max
Charging Stages	Three Stages (Bulk,Absorption,Float)
Maximum Input Voltage	26VDC

**Battery**

Type	Deep Cycle Lead Acid
Capacity	20Ah

**Environmental**

Operating Temperature	0 to 40°C
Storage Temperature	-20 to 60°C

**General**

Dimensions	TBD
Weight	TBD

**Estimated Running Time****Office Applications:**

	Load power (watt)	Quantity (PCS)	Running Time (H)	Power consumption (WH)
Cell phone	5W	1	38	190
Ink Jet Printer	8W	1	24	192
17" LCD Monitor	35W	1	5	175
Table Lamp(40W)	40W	1	4.8	192
Table Lamp(60W)	60W	1	2.4	144
Laptop	65W	1	2.2	143

**Emergency Power Applications:**

Cordless Phone	5W	1	38	190
Clock Radio	8W	1	24	192
20" LCD TV	40W	1	4.8	192

**Home Backup Power Applications:**

Home Alarm System	5W	1	38	190
0.25 m <sup>3</sup> Freezer	8W	1	24	192
0.5 m <sup>3</sup> Fridge	120W	1	1.2	144