

Portable solar power system



DC solar power system features

- Slim & elegant design
- LED indicators for easy understandings
- Membrane switches are dust & weather-proof
- 15A fuse protects cigarette socket from over-load damage
- 150W power inverter is optional.
- Over-load, over-voltage, low-voltage, over heat and short circuit protection
- 30AH deep cycle lead acid battery for special solar use
- Output port: 3 *DC 1A led sockets, 1 USB socket, 1 *DC 12V cigarette socket, for both DC battery charging and DC output power supply

DC 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
- USB output is capable of charging your iPad and iPhone

Home DC lighting products



Battery

Battery Type	Deep Cycle Lead Acid	V
Battery capacity	12V 30AH	V

Solar Charge controller

Input Current	5A DC Max	V
Charging Mode	PWM	V
Maximum Input Voltage	26VDC	V
Optimum input voltage	18VDC	V

Environmental

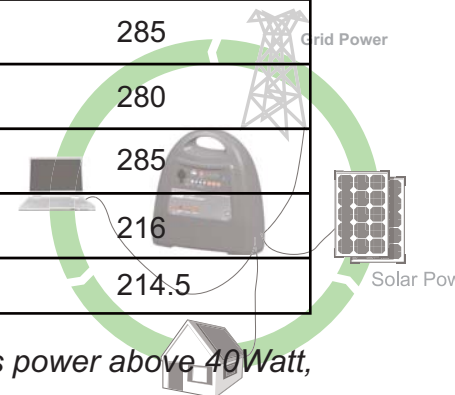
Operating Temperature	0 to 40C	V
Storage Temperature	-20 to 60C	V

AC inverter (Optional)

Input voltage	12V	V
Output voltage	110V or 220V	V
Max Power	150W 5 minutes	V
Continuous Power	120W	X

**Recommended Power consumption:**

	Load power(watt)	Quantity(PCS)	Running Time (H)	Power consumption (WH)
LED light	5	1	57	285
Cordless phone	5	1	57	285
Portable stereo	10	1	28	280
Florescent work light	15	1	19	285
Fan	40	1	5.4	216
Laptop	65	1	3.3	214.5



All run times are estimated. For the loads power below 20Watt, we calculated with DOD 80%.For the loads power above 40Watt, we calculated with DOD 60%.