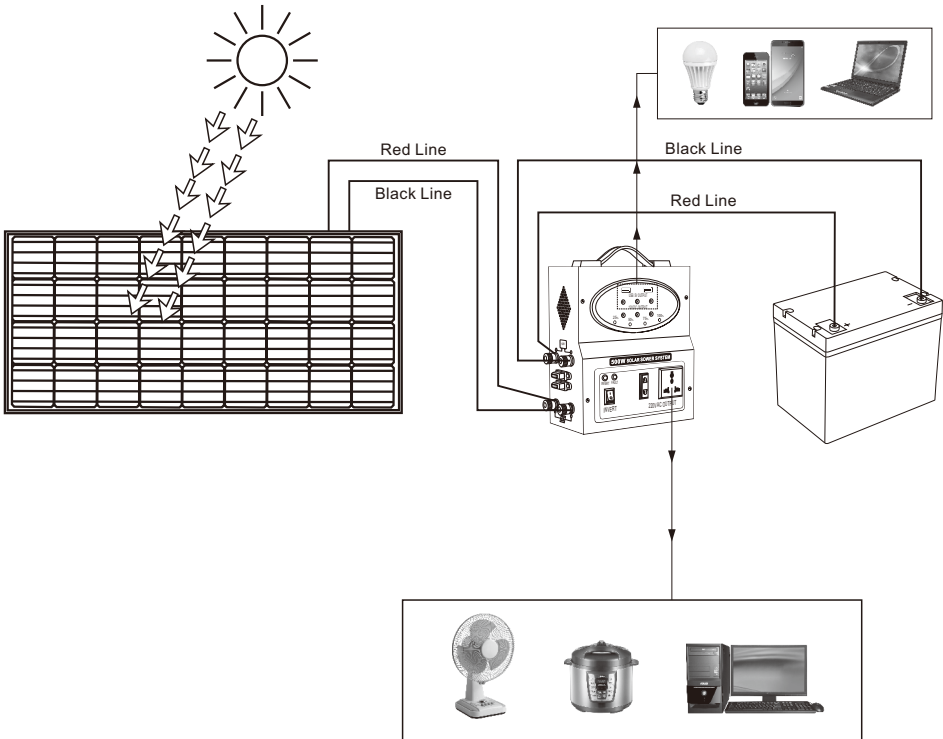


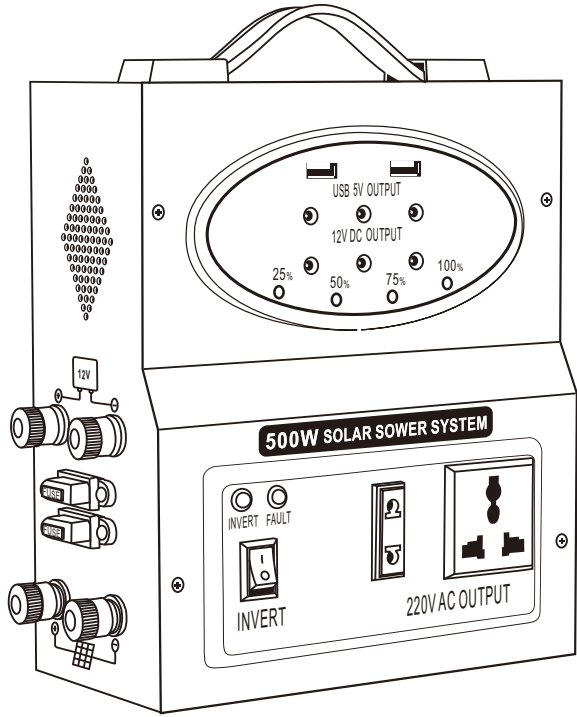
METHOD OF USE:

- 1.Open the package to check whether the accessories are complete.
- 2.Choose ventilation and clean environment for installation.
- 3.Confirm whether the input DC voltage or livestock battery voltage is consistent with the product.
- 4.Confirm the positive and negative polarity of the power supply. For example: the battery positive pole corresponds to the positive battery grade (red terminal) and the negative pole corresponds to the negative terminal (black terminal) of the product.
- 5.Confirm whether the wiring voltage of the solar panel is consistent with the product.
- 6.Confirm the polarity of solar panel wiring. For example: the positive pole of the solar panel should correspond to the positive level of solar energy input of the product (red terminal); the negative pole of the solar panel should correspond to the negative terminal of the solar energy input of the product (black terminal).
- 7.Pay attention to the direction and position of the battery terminal and the solar panel terminal, and do not reverse it.
- 8.Ensure the reliability of connecting wire.
- 9.Turn on the ③ AC switch, you will hear a drop,the inverter starts to pick up,and the green indicator light No.⑨ lights up, which proves that the switch is turned on successfully.
- 10.Start the machine first, and then turn on the connected load appliance after the output is normal
- 11.Solar charging is not controlled by the switch.



4

500WA SOLAR POWER SYSTEM
INSTRUCTIONS

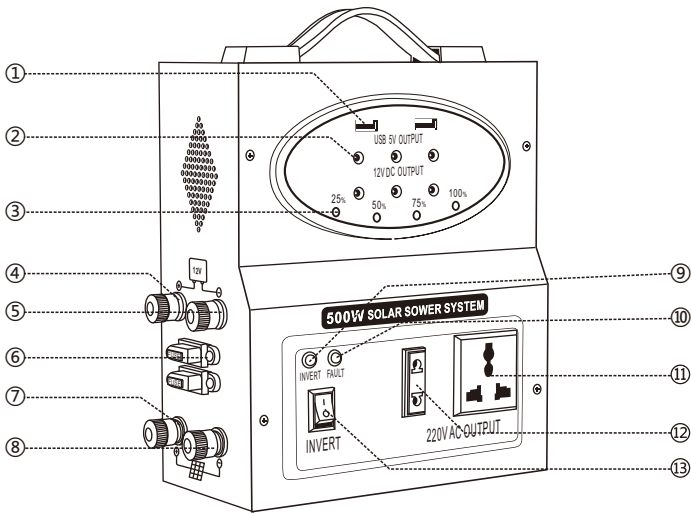


ELM-500SOL

PRODUCT PARAMETERS:

Model:	ELM-500SOL
Product Size:	220mm×95mm×185mm
Battery:	External connection Advice use 12V
Solar Panel:	Maximum: 18V 180W
Charging Time:	8~9 Hours
Charging Efficiency:	95%
USB Output:	5V
DC Output:	12V
Inverter:	220V 500W

KEY FUNCTION:



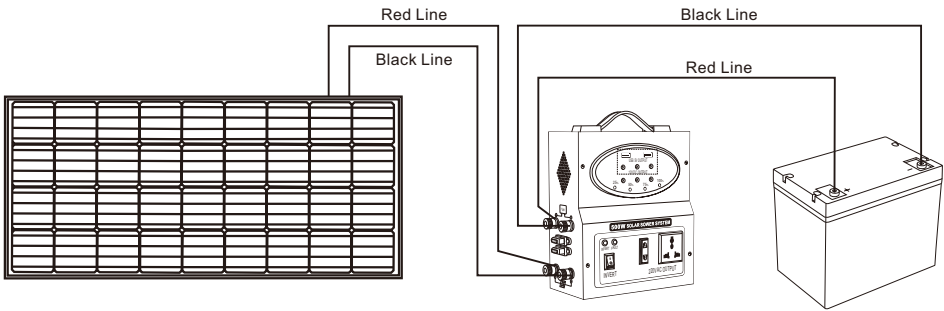
- ① Mobile phone output 5V 2A.
- ② The output port of the bulb is DC12V, which can be connected with 12V small electrical appliances, such as accessory bulb.
- ③ Power indicator: 1: indicates the amount of battery power, 2: when charging, the power indicator is in the form of running horse lamp.
- ④ Battery positive terminal.
- ⑤ Battery negative terminal.
- ⑥ Input battery fuse.
- ⑦ Solar panel positive terminal.
- ⑧ Input battery fuse.
- ⑨ Inverter normal operation indicator.
- ⑩ Inverter abnormal indicator,such as: battery under voltage,overload protection is not output.
- ⑪ AC220V output interface (can be connected to electrical appliances below 500W).
- ⑫ AC220V output interface (can be connected to electrical appliances below 500W).
- ⑬ Inverter switch.

2

PACKING LIST:

Host Machine:	Inverter x 1
Light Bulb:	12V 3W Bulb×2
Connecting Line:	10 square red line×1, 10 square black line×1
Solar Panel:	18V 150W
Instructions:	1

WIRING DIAGRAM:



- 1.The convenient battery is 12V battery. (if multiple 12V batteries are used,the connection mode is parallel connection).
- 2.The solar panel is 18V150W.
- 3.Connect the red wire (1) of accessories to the red terminal marked with Battery"+"on the host.
- 4.Connect the black line (2) of accessories to the black terminal marked with battery"-on the host.
- 5.Connect the black wire connected to the host to the negative pole of 12V battery.
- 6.Connect the red wire that has been connected to the host computer to the positive pole of 12V battery.
- 7.Connect the black wire of solar panel into the terminal marked with sol"-.
- 8.Connect the red solar panel to the terminal marked with sol"+."

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