

Specifications:

1: Power source:

- (1) Li-ion: 11.1V 2600MAh
- (2) Adapter: 15V/1A

2: Light:

- A. Main light: SMD (5W 9V) and SOS warming light; 500 lumens
- B. Side light: COB (3W 9V); 300 lumens
- C. USB charging;

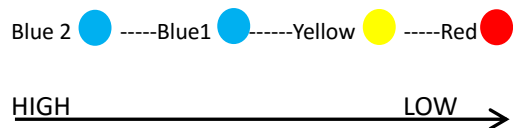
3: Charging Time: 4 hours

4: Working Time:

- A. Main light: Actual about 3.5 hours conservative > 3 hours
- B. Side light: Actual about 6.5 hours conservative > 6 hours
- C. Warming light: Actual about 40 hours(SOS), Actual about 75 hours (Flash)

5: Battery indicator function

Power indicator light: Using four LEDs to indicate the current battery condition...



Scope definition of the Charging indicator light:

NO.	Indicator Status	Battery definition
1	Red light, Yellow light, Blue1, Blue2 light all bright.	Charging finished
2	Red light, Yellow light, Blue1 bright, Blue2 flash	75%--100% charging
3	Red light, Yellow light bright, Blue1 flash, Blue2 off	50%--75% charging
4	Red light bright, Yellow light flash, Blue1 Blue2 off	25%--50% charging
5	Red light flash, Yellow light, Blue1, Blue2 light off	0%--25% charging

Note: Flash mean: 1Hz (once per second)

Scope definition of the discharging indicator light:

NO.	Indicator Status	Battery definition
1	Red light, Yellow light, Blue1, Blue2 light all bright	90%
2	Red light, Yellow light, Blue1 bright, Blue2 off	75%
3	Red light, Yellow light bright, Blue1.Blue2 off	50%
4	Red light bright, Yellow light , Blue1 Blue2 off	25%
5	Red light flash, Yellow light, Blue1, Blue2 light off	5%

Note: Flash means 2Hz (faster the charging flashes)

NOTE: About the discharge

- A. When the battery voltage is lower than 9.3V, after turn on the light or the USB output function is opened, the time limit for work in 5 minutes, work time to 5 minutes, lamp or USB output function to shut down.
- B. When the battery voltage is detected to be less than 9V for 5s continuously, the unit automatically turns off the light or shuts off the USB output function.
- C. When the car starts, the battery voltage shall not be less than 11.

Touch Switch

SIDE KEY: Control the side light

1. Touch the first: side light open.
2. Touch the Second: side light off.
3. Touch the Third: repeat above.

(1) MAIN/SOS Key: Control the SMD White light and Warning light

A/ Short press of the MAIN/SOS key...

1. Touch the first: SMD White light open.
2. Touch the Second: SMD White light off.
3. Touch the Third: Repeat above.

B/ Long press MAIN/SOS Key

1. The first long press button on any button, the warning light will open (red SOS on)

Powerhouse M 8194 – Torch / Lantern / SOS Jump starter

2. Once again, a long press of any button will turn off the warning light (red SOS off)

(2) USB key

1. Touch the first button to open the USB, output 5V 1A.
2. Touch the Second. Off the USB Output.
3. Touch the Third: Repeat above.

Note: When they tested the USB, the load is drawn or charging current to set value, it will automatic shutdown USB 5V output.

Adapter Charging

There is no external discharge function during charging. Only the light and USB output operate.

Li-ion battery charge function

Ready Charging stage - When testing the battery and there is a bad connection, or the charging voltage is too low, an indicator light will indicate an error. Fault code is E2.

Error Display



Fault indicating lamp

Fault code

When the red light flickers faster at 8Hz, the light is normally on the corresponding fault code. This tells the user that an error has occurred.

※About the product: The emergency power supply adopts the double protection scheme: (battery protection board, the master control program), prevent overcharging, discharging. This product uses low power technology so that when not in use, the standby power is minimal.

No field serviceable parts inside.
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