

Charger

1. Operating Instruction

1. Adjust a proper input voltage (100~240V).
2. Plug the power cord of the charger into a properly grounded outlet and plug the charger connector to a battery socket.
3. When charging, the charger LED turns **red** light. When fully charged, the charger LED turns **green**. It will stop charging automatically after the battery is fully charged.

Figure 1



2. LED Indication

- **LED off:** Battery is disconnected.
- **Red:** Battery is charging
- **Green:** Battery is fully charged
- **Red Flash:** The battery is at a high temperature, over 40°C, or at a low temperature, under 0°C, or the battery voltage is under 17V.

3. Trouble Shooting

- **LED light is off.**
Check both the plug of the battery charger and the socket of the battery are connected properly.
Check the DC fuse. If DC fuse blow out, please replace a spare one. If LED is still off, the battery pack may be defective.

- **Red light flashes.**
The battery pack is at a high temperature (40°C and up): The normal status is at a temperature between 0°C and 40°C.
Battery is at a low voltage (17V and below): Recharge the battery.
- **Red light turns to green immediately.**
The battery pack is in a well-charged condition.

4. Caution

- To extend a charger life, do not connect the short-output for a long time.
- Use a charger in a well-ventilated area.
- Use the Ni-MH 1.2V, 19 cells (2000mAh~6500mAh) battery only.
- After a battery fully charged, do not reconnect it to the battery charger to avoid overcharge.

5. Specification

Item	Description
Model	AW-CS24V (II).
Output Current	1.8A _{dc} ±5%.
Output Voltage	24V _{dc} ±5%.
Input Current	1.0A.
Input Voltage	100-240Vac.
Efficiency	MIN80%.
Performance	Switching Mode.
Charging Method	2 Stage Constant Current.
Battery Application	Ni-MN Batteries (1.2V, 19Cells, 2000~6500mAh).
Output Detection	Short Circuit Detection, Output Voltage / Current Limit, Reverse Power Protected, and Charging Time Limit.
Operating Temperature	0°C~40°C.
Operating Humidity	20%~85%.
Operating Height	0 foot ~ 3000 feet.
Measurement	130mm (L) x 70mm (W) x 43mm (H).
Weight	400g.
Color	Black.