

# ARE-X1

## Single Channel Smart Charger

### USER MANUAL

#### Features

- ① Compatible with one 18650 or one 26650 battery
- ② Supportable with Micro USB charging and USB discharging
- ③ LED charging/discharging indicator
- ④ LED battery power indicator
- ⑤ Micro-computer chip controlled digitally regulated charging to extend battery lifetime
- ⑥ Short circuit protection, over-current protection, over-voltage protection and reverse-polarity protection

#### Specification Parameter

Input: DC 5V, Maximum 1.5A

Output: DC 4.2V, 1A

Size: 104mm x 32mm x 32mm (length x width x height)

Weight: 42g (excluding battery)

Operating Temperature: -20°C / 50°C (Full-load in normal working condition)

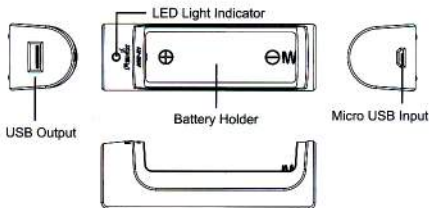
Operating Humidity : 5% (0°C) / 90% (40°C) 72 hours, (Full-load in normal working condition)

Storage conditions: Temperature -20°C / 85°C

#### Safety Specification

Compliant Standards : CE, FCC, RoHS

#### How to Use



1. Insert the battery to match the polarity marks (+ and -).

2. Micro-USB Charging Port:

The LED indicator displays red in charging process, and the light will turn green when charging is complete. 5V, 1.5A adaptor or above is recommended.

3. USB Discharging Port:

The LED indicator light blinks red in discharging process, the light will go out when done discharging.

4. Battery Power Detection:

When battery are properly inserted, the adaptor will check present battery level automatically, green light displays sufficient power level while red light displays critical power level, and the light will go out after 3 seconds.

5. ARE-X1 adopts standard Micro USB charging port, which applies to Micro USB cable of digital devices as mobile phones. Take out the battery and cut off the power when completely done charging.

#### Attention

1. Only intended for 18650 or 26650 rechargeable Li-ion batteries. Other types of batteries may cause battery breach, leakage or explosion, or even cause damage to people and property.
2. Use the battery charger in normal working condition and cut off the power completely after usage.
3. Load the battery properly.
4. Do not dismantle, modify the charger or use it for other purpose.
5. Keep the charger out of reach of children. Children should use the battery charger only under the guidance of adults.