

# **Base Charger**

## **Quick Start Guide**






# Foreword

## General

This manual introduces the appearance and battery charging method of the base charger (hereinafter referred to as "the Charger").

## Safety Instructions

The following categorized signal words with defined meaning might appear in the manual.

Signal Words	Meaning
 <b>CAUTION</b>	Indicates a potential risk which, if not avoided, could result in property damage, data loss, lower performance, or unpredictable result.
 <b>TIPS</b>	Provides methods to help you solve a problem or save you time.
 <b>NOTE</b>	Provides additional information as the emphasis and supplement to the text.

## Revision History

Version	Revision Content	Release Time
V1.0.0	First release.	January 2021

## About the Manual

- The manual is for reference only. If there is inconsistency between the manual and the actual product, the actual product shall prevail.
- We are not liable for any loss caused by the operations that do not comply with the manual.
- The manual would be updated according to the latest laws and regulations of related jurisdictions. For detailed information, refer to the paper manual, CD-ROM, QR code or our official website. If there is inconsistency between paper manual and the electronic version, the electronic version shall prevail.
- All the designs and software are subject to change without prior written notice. The product updates might cause some differences between the actual product and the manual. Please contact the customer service for the latest program and supplementary documentation.
- There still might be deviation in technical data, functions and operations description, or errors in print. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and the company names in the manual are the properties of their respective owners.
- Please visit our website, contact the supplier or customer service if there is any problem occurring when using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

# Important Safeguards and Warnings

This section introduces the proper way of using the Charger, and danger and property damage preventions. Before using the product, read this manual carefully. Follow the instructions and keep this manual properly for future reference.

## Operating Requirements

- Keep the Charger on a stable place to prevent it from falling.
- Operate the Charger within the rated range of power input and output.
- Transport, use and store the Charger under the allowed humidity and temperature conditions.
- Electric spark might occur when you hot-swap battery or disconnect power supply, which is a normal phenomenon. Do not use the Charger in places where electric spark is prohibited, such as gas stations.
- Do not charge battery in environments with high temperature.
- Prevent any liquid from flowing into the Charger, and do not operate the Charger when there is water in it.

## Power Requirements

- Use the battery according to requirements; otherwise it might result in fire, explosion or inflammation.
- Use locally recommended power cord in the limit of rated specifications.
- Use the power adapter coming with the camera; otherwise you will be liable for possible personal injuries or device damages.
- The power source shall conform to the requirements of the Safety Extra Low Voltage (SELV) standard, and supply power with rated voltage which conforms to Limited Power Source requirement according to IEC60950-1. Note that the power supply requirement is subject to the device label.

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# 1 Overview

The Charger is an accessory used with mobile positioning system. It can charge the replaceable battery of mobile positioning system, and has the following features.

- Easy to carry, plug and play, and convenient for charging.
- Supports hot swapping; secure and reliable.
- Displays power supply and charging status.

## 2 Appearance

### 2.1 Port and Indicator

Figure 2-1 Port and indicator

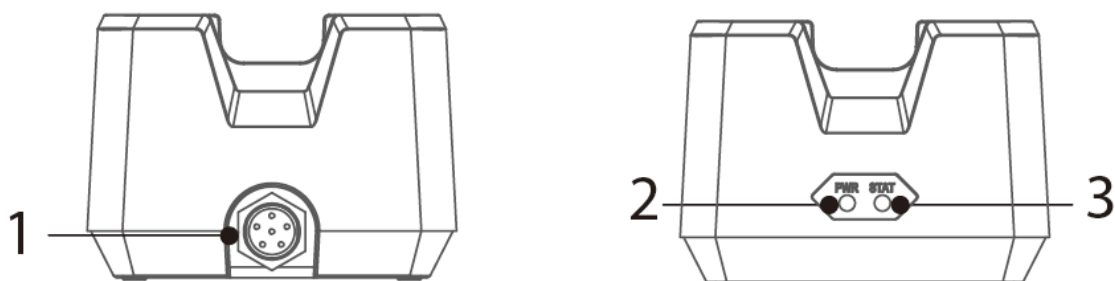
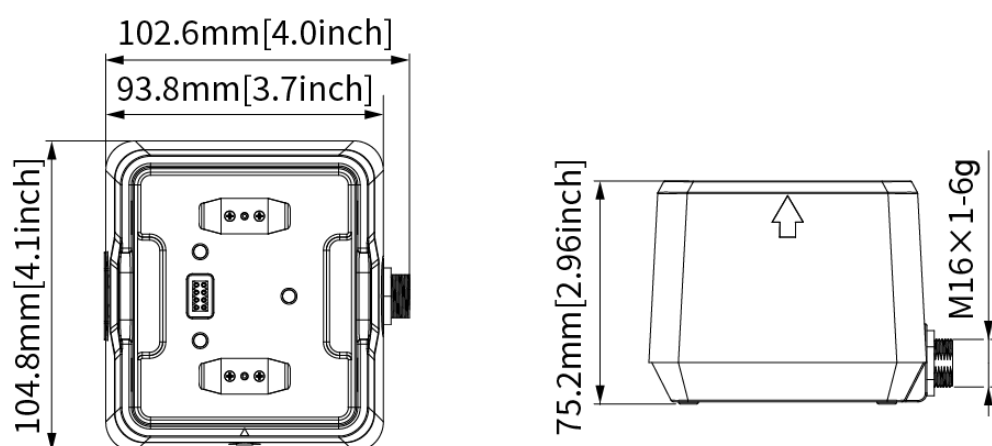


Table 2-1 Component description

No.	Name	Description
1	Power port	Connects to 12V DC power supply.
2	Power indicator	<ul style="list-style-type: none"><li>On: Power supply connected.</li><li>Off: Power supply not connected, or failure occurs to the charger.</li></ul>
3	Status indicator	<ul style="list-style-type: none"><li>Flashes: No battery detected.</li><li>On: Charging in progress.</li><li>Off: Charging completed.</li></ul>

### 2.2 Dimensions

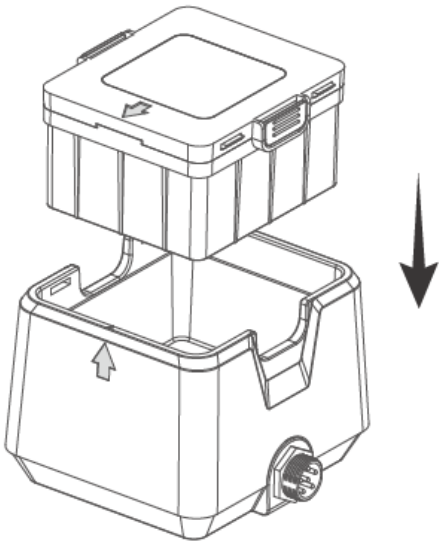
Figure 2-2 Dimensions



# 3 Battery Charging

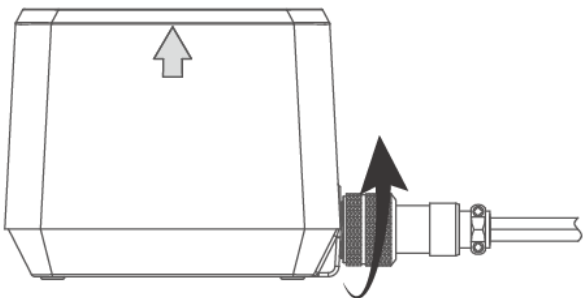
Step 1    Align the arrow on the battery with that on the Charger, and then put the battery into the Charger in place.

Figure 3-1 Put into battery



Step 2    Plug the aviation connector of the cable into the power port of the Charger, and tighten the nut clockwise.

Figure 3-2 Plug into aviation connector



Step 3    Connect the Charger to power supply.

- Powered by cigarette lighter

Figure 3-3 Powered by cigarette lighter

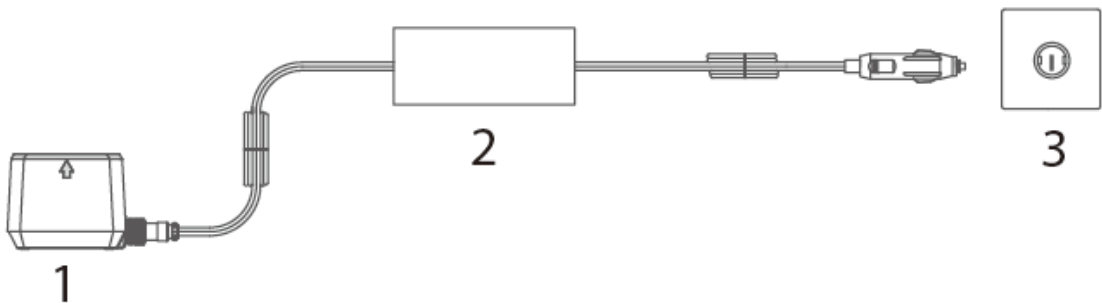


Table 3-1 Powered by cigarette lighter

No.	Name
1	Base charger
2	Vehicle power adapter

No.	Name
3	Cigarette lighter socket

- Connect to a socket

Figure 3-4 Connect to a socket

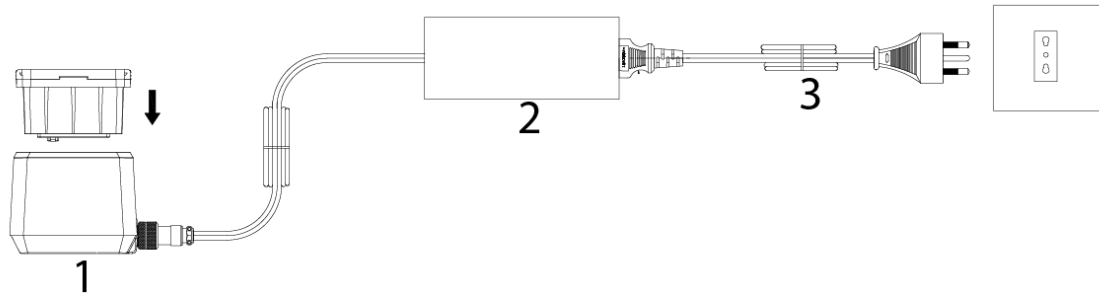


Table 3-2 Connect to a socket

No.	Name
1	Base charger
2	Power adapter
3	Power cord