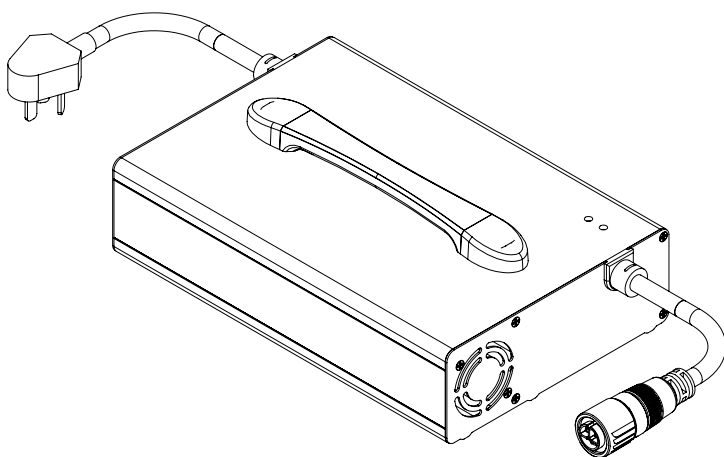


Spirit Battery Fast Charger Ultra Manual



Model: SPC-1000WWE-553180-A0
Suitable for Spirit Battery Ultra

Please read this manual carefully before use.

This manual is subject to update without prior notice, please visit our website
www.epropulsion.com for the latest version.

Introduction

The Spirit Battery Fast Charger Ultra is a product designed for the Spirit Battery Ultra. It has: wide input voltage range, universal voltage; small interference to other electrical equipment; designed in accordance with IP65 protection level, high waterproof performance; can be used in parallel; quiet work, high reliability, simple installation, operation, and maintenance.

Using this manual

Before the use of this product, please read this reference manual thoroughly to understand the correct and safe operations. By using this product, you hereby agree that you have fully read and understood all the contents of this manual. ePropulsion accepts no liability for any damage or injury caused by operations that contradict this manual.

Due to the ongoing optimization of our products, ePropulsion reserves the rights of constantly adjusting the contents described in the manual. ePropulsion also reserves the intellectual property rights and industrial property rights including copyrights, patents, logos and designs, etc.

This manual is subject to update without prior notice. Please visit our website **www.epropulsion.com** for the latest version. If you find any discrepancy between your products and this manual, or should you have any doubts concerning the product or the manual, please visit **www.epropulsion.com**.

ePropulsion reserves the right of final interpretation of this manual.

This manual is multilingual, in case of any discrepancy in the interpretation of different language versions, the English version shall prevail.

FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

EU Declaration of Conformity

We Guangdong ePropulsion Technology Limited, hereby, declares that this equipment is compliance with the applicable Directives and European Norms, and amendments.

Object of the Declaration:

Product: LITHIUM Battery Charger

Model: SPC-1000WWE-553180-A0



The object of the declaration is in conformity with the following directives and regulation:

Electromagnetic Compatibility (EMC) Directive 2014/30/EU

Low Voltage Directive 2014/35/EU

Restriction of Hazardous Substances Directive 2011/65/EU and Delegated Directive (EU) 2015/863

EC REACH Regulation (EC 1907/2006)

Regulation on General Product Safety 2023/988

Applied Standards:

EN IEC 55014-1:2021

EN IEC 55014-2:2021

EN IEC 61000-3-2:2019/A1:2021

EN 61000-3-3:2013/A2:2021

EN 60335-1:2012/A15:2021

EN 60335-2-29:2021/A1:2021

EN 62233:2008

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Guangdong ePropulsion Technology Limited.

Address: Room 801, Building 1, 11 Daxue Road, Songshan Lake, Dongguan, Guangdong Province, China

Signature:

A handwritten signature in black ink, appearing to read '陶师正' (Tao Shizheng), written in a cursive style.

Date: 2026.3.6

Shizheng Tao, Chief Executive Officer & Cofounder of
Guangdong ePropulsion Technology Limited

Disposal and environment

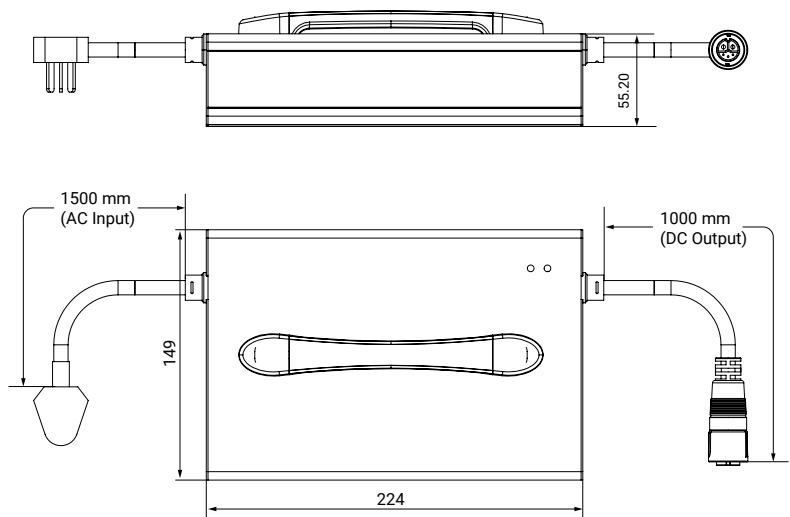


This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

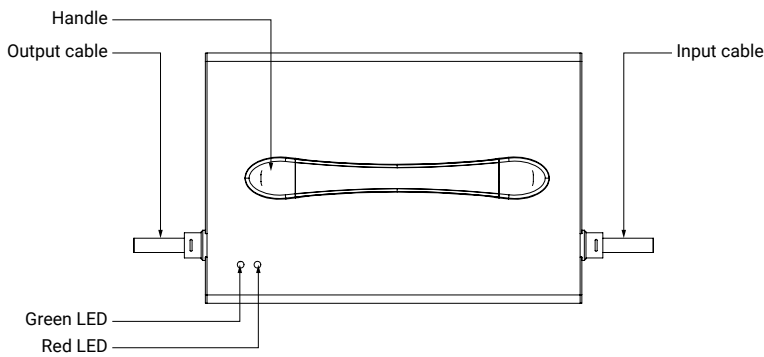
Specifications

Model	SPC-1000WWE-553180-A0	
Input voltage	100 - 180 Vac	181 - 240 Vac
Input current	≤10A	≤7A
Output voltage	28.6 - 55.3 Vdc	
Output current	≤15A	≤18A
Rated output voltage	48Vdc	
Power factor	≥ 0.95	
Conversion efficiency	≥90%	
Protection level	IP65	
Operation temperature	-20 - +40°C	
Storage temperature	-20 - +85°C	
Certification	1, CE-LVD 2,CE-EMC 3,FCC 4,ROHS	

Size:



Mounting dimension:



LED Indicator

Charging Status Indication:

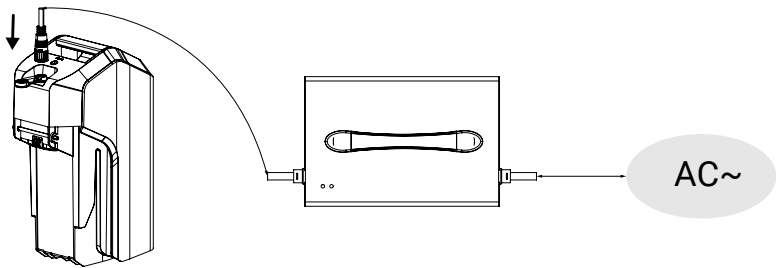
Standby	Flashing green light
Charging	Steady red light
Full charged	Steady green light

Fault Indication:

Fault	Indication
Battery reverse connection	Red and green LEDs flash alternately
Battery error or failure	Red LED flashes 4 times green LED flashed 1 time and repeats
Output short circuit	Charger cut off, Red and green LEDs flash alternately
Charger failure	Flashing red light

Operation

1. Remove the waterproof cap on Spirit Battery Ultra and connect the charging cable to the battery charging connector.
2. Hold down the power button for 2 seconds to power on the battery.
3. Turn on the AC switch.
4. During charging, the battery LED will turn Steady red light.
5. Disconnecting the charger will cause the battery to automatically shut down.
6. Upon completion of charging, the battery will automatically turn off.



Notes

- Do not puncture, throw, drop, bend or modify the charger.
- The charger should be used in well ventilated, dry, particle free environment.
- The charger should avoid direct sun exposure.
- Opening the housing of the charger without prior written consent of the manufacturer voids the manufacturer's warranty immediately.
- Please do not operate this device in a residential environment and could cause radio interference.

Warranty

ePropulsion Spirit Battery Fast Charger Ultra is guaranteed against any manufacturing defects for TWO years (uncommercial) from the date of purchase.

Free warranty is only validated upon the presentation of Warranty Card, and evidence of purchase from an authorized ePropulsion dealer.

Conditions:

- Valid date of purchase should be established by the first-hand purchaser with original sales slip.
- Free warranty is not transferable and will not be reissued.
- The warranty is valid only when the information is correct and complete.

Warranty does not cover:

- Minor faults producing no influence on the intended function of the product.
- Faults resulting from any improper operation that contradicts the user manual.
- Accessories supplied with the product.
- Damage caused by accident, misuse, liquid damage or unauthorized repair.
- Damage caused by dropping, improper care or storage.

If warranty expires, users can still enjoy maintenance services from ePropulsion authorized dealers with minimum maintenance charge.

WARRANTY CARD ||ePropulsion Spirit Battery Fast Charger Ultra

(In order to validate warranty, please fill in this form first and read the Warranty Policy.)

|| OWNER INFO. ||

Owner Name			
Address			
Phone		Email	

|| DEALER INFO. ||

Store Name			
Address			
Phone		Email	

|| PRODUCT INFO. ||

Date of Purchase (mm/dd/yyyy)	
Serial No.	

Guangdong ePropulsion Technology Limited
Email: service@epropulsion.com
Website: www.epropulsion.com

Dealer's signature:

* Dealer info should be filled by the dealer when the product is purchased.
* Dealer's signature indicates confirmation of above information.



Guangdong ePropulsion Technology Limited

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