

E Battery Charger Manual

Model: G1554-1200W

Suitable for E-Series Batteries



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 E battery charger is a product designed for the E-Series Battery. 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.

Operation is subject to the following three 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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference

to radio

communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Correct Disposal of this product

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.

Declaration of conformity

Object of the Declaration:Product:

Product:E Battery Charger
Model: G1554-1200W

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

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

Electromagnetic Compatibility (EMC)	2014/30/EU
DirectiveLow Voltage Directive (LVD)	2014/35/EU

Applied Standards:

EN 55032:2015+A1:2020
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A2:2021
EN 55035:2017+A11:2020



EC REP

Name: REP Europe GmbH

Address: Werner-von-Siemens-Str. 264319 Pfungstadt Germany

Phone: +49 157 51253212

info@rep-europe.de

Manufacturer

Name: Guangdong ePropulsion Technology Limited

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

Signature:

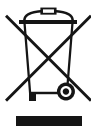


Date: 2023/10/18

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

Correct Disposal of this product

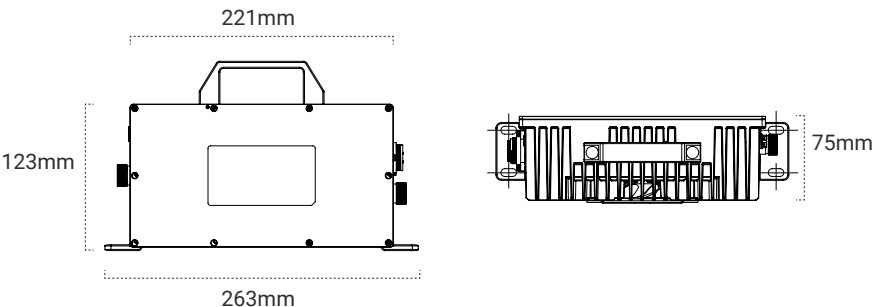
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used 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.



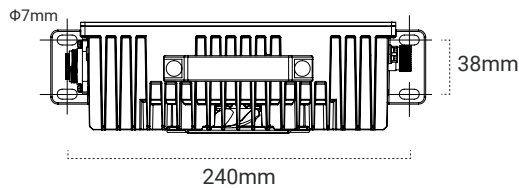
Specifications

Model	G1554-1200W	
Input voltage	100 - 127 Vac	200 - 240 Vac
Input current	≤6.5A	≤9A
Output voltage	35.2 - 58.8 Vdc	
Output current	≤15A	≤25A
Rated output voltage	48Vdc	
Power factor	≥ 0.95	
Parallel connection	8(Max)	
Conversion efficiency	≥92%	
Protection level	IP65	
Operation temperature	-20 - +40°C	
Storage temperature	-40 - +85°C	
Certification	1, CE-LVD 2,CE-EMC 3,FCC 4,ROHS	

Size:



Mounting dimension:



LED Indicator

Flashing green light	Charging
Steady green light	Charging stopped / fully charged
Flashing red light	Failed to communicate with the battery
Green and red lights flash alternately	No battery connected
Other	Charger error, please restart the charger, if the problem persists, please contact ePropulsion authorized dealer

In the Box

Charger	1 set	AC input cable	1 set
User manual	1 piece	E battery charger DC output cable 2.5m (w aviation connector)	1 piece
Communication cable	1 piece		

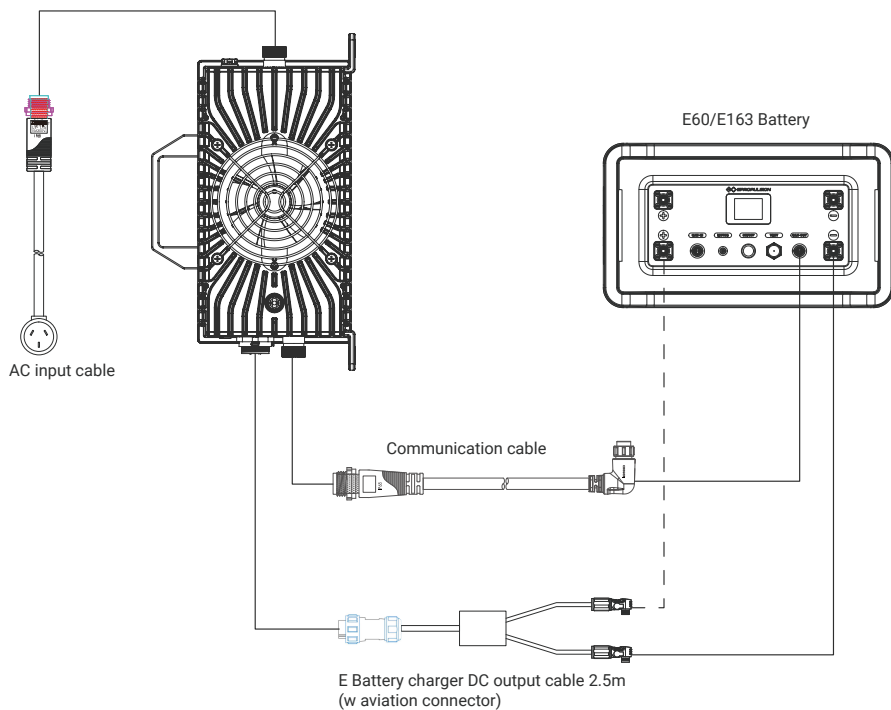
Operation

1. Ensure the power has been switched off, and complete the wiring according to the figure.
2. Turn on the battery power button first, then turn on the AC switch.
3. The green light of the charger flashes, indicating that the charger is charging normally.



For the DC output cable, red is positive, black is negative.

Charge the battery by one charger:

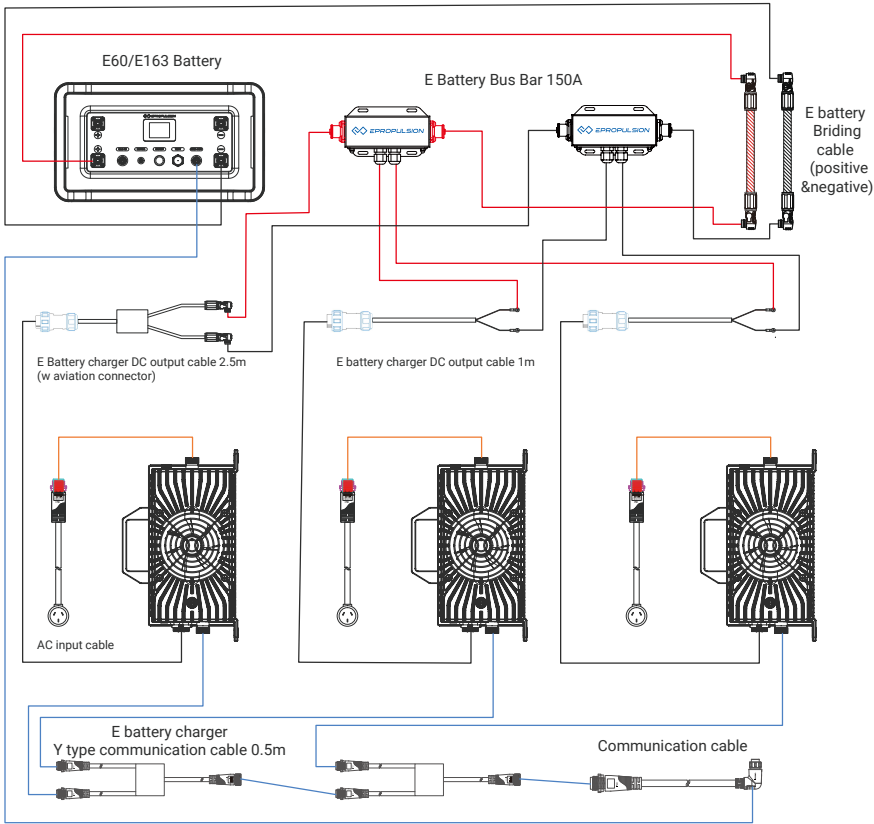


Charge the battery by multiple chargers:

- If charging in parallel, please buy official accessories and the recommended number is shown in the table below.

Item	Qty.	
E battery charger Y type communication cable 0.5m	n-1	
E battery charger DC output cable 1m	n	
E Battery Bus Bar 150A	1 (n=2-3)	2 (n=4-5)
E Battery Bridging Cable (Positive & Negative)	1 (n=2-3)	2 (n=4-5)

* n is the number of the chargers which need to be connected in parallel
* If there are more complex parallel operating conditions, please contact ePropulsion Technology's authorized dealers.



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.

Warranty

ePropulsion E Battery Charger 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 E Battery Charger

(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.

