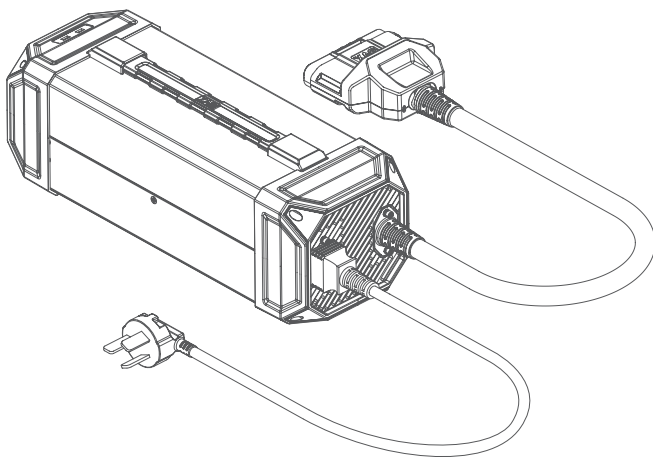


CM13600 Battery S-Charger

Type: M2CM1-3600BH

User Manual

Version AU V1.0 **EN**



Disclaimer

Carefully read and understand this User Manual before using this product for the first time. Failure to read and follow the instructions may result in serious injury to yourself and/or others, damage to your Products and/or other objects in the vicinity. By using this product, you hereby signify that you have read this document carefully and that you understand and agree to abide by all terms and conditions of this document and all relevant documents of this product. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. XAG accepts no liability for damage, injury, or any legal responsibility incurred directly or indirectly from the use of this product.

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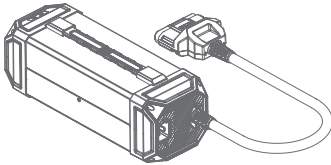
Warning

This product must be operated with Strong safety awareness. Failure to operate this product in a safe and responsible manner could result in injury or damage to product or other property. This product is not intended for use by those who are under 18 years old. DO NOT alter this product or use this product with incompatible components or parts.

Product Profile

XAG CM13600 Charger ("charger" for short) is a high-power charger with a wide voltage range, forced air cooling system, and functions like undervoltage protection, overvoltage protection, overtemperature protection, and fault isolation. It will monitor the status of the smart supercharge battery ("battery" for short) in real time during the charging process. When the battery is fully charged, it will stop charging and the battery will turn off.

Overview - CM13600

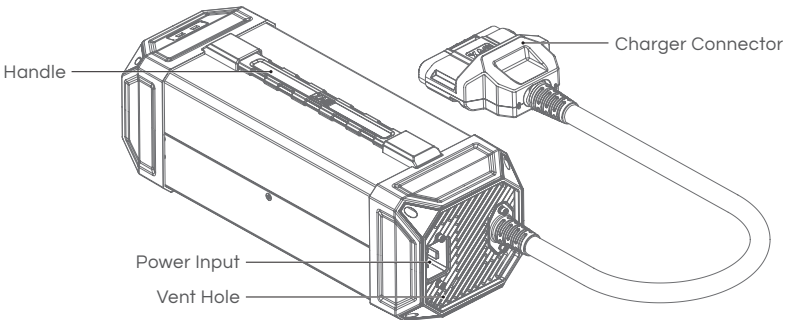


CM13600 Charger
x1
























15A Power Cord
x1

Main Components

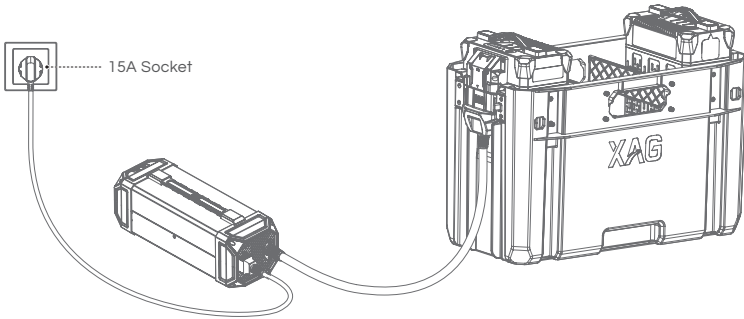


Status Indicator

Output Indicator				Description
Solid Green				Idle
Flash Green				No Battery or Connection Error
Solid Red				Charging

Input Indicator				Description
Solid Green				Normal
Flash Green				No Grounding - Risk Charging
Solid Red				Device Failure Protection Triggered - Output OFF
Flash Red				Device Overheated Protection Triggered - Output OFF

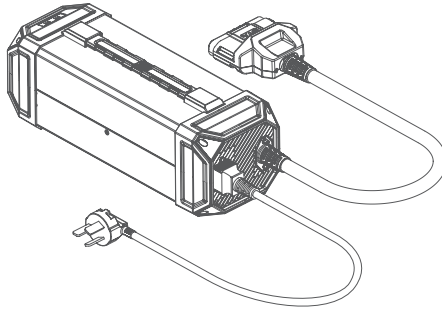
Battery Charging



IMPORTANT

- i** ENSURE there are no obvious defects on the Battery or the Charger before use.
- i** ENSURE there are no liquid or foreign matter on the battery terminal, wipe and clean in a timely fashion. Otherwise, it may cause poor contact, resulting in loss of power or charging failure.
- i** ENSURE Batteries & Chargers is placed on even ground with no nearby combustible materials.
- i** ENSURE Batteries have a minimum of 30cm distance between the batteries and Chargers during Charging.
- i** ENSURE the Batteries are recharge every 90 days to maintain battery health.
- i** ENSURE pure water is used for heat Dissipation.
- i** ENSURE Water level should be kept between the Minimum and Maximum Water levels to achieve the best heat dissipation effect.
- i** DO NOT clean the charging device with alcohol or other combustible liquids.
- i** DO NOT disconnect the AC cable or the Charging cable while the Charger is in use.
- i** DO NOT use this product under direct sunlight, in rain, or in a humid environment.
- i** DO NOT exceed the Max. Water level or Submerge the Battery in Water, or Battery will be damaged.
- i** DO NOT use Corrosive liquids for heat Dissipation, or Battery will be damaged.
- i** DO NOT exceed 60 minutes for heat Dissipation, or Battery will be damaged.
- i** DO NOT store Batteries with less than 30% Power or for an extended period, otherwise it may damage the battery or impact battery life.

Technical Specifications



Model	M2CM1-3600BH
Compatible Battery	B13860S (With Plug A1 Adapter) B13960S B13970
Dimensions	329.73×118.44×110.44 mm
Weight	4.6 Kg
Operating Temperature	-20° C to 40° C
Storage Temperature	-20° C to 40° C
Cooling Mode	Forced Air cooling
Input	AC 100~120 Vac 50/60 Hz 15.0 A AC 220~240 Vac 50/60 Hz 15.0 A
Output	DC 56.6 Vdc-21 A (Max)/1200 W (100~120 Vac 50/60 Hz) DC 56.6 Vdc-58 A (Max)/3300 W (220~240 Vac 50/60 Hz)

- [1] Hovering time acquired at sea level with wind speeds lower than 3m/s.
- [2] The maximum load needs to be reduced by 12% for each additional 1,000m in altitude above 2,000m.
- [3] The effectiveness of the Obstacle radar is dependent on the obstacle's material, location, distance, shape, size, relative velocity, etc.
- [4] Distance between the propeller tip and the obstacles after braking and hovering.
- [5] A spray width of 8m is recorded under the flight height of 3±0.5m, the flight speed of 3m/s and flow rate (single pump) of 5L/min. For reference only.
- [6] The actual minimum flow rate varies depending on route spacing, flight speed, flight conditions, etc.
- [7] The remote controller's battery performance might be affected when the ambient temperature for operating is lower than -5° C.
- [8] This is the result of tests conducted outdoors (with no obstruction or interference) in line with FCC standards. It is not necessarily the actual effective range and is for reference only.



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