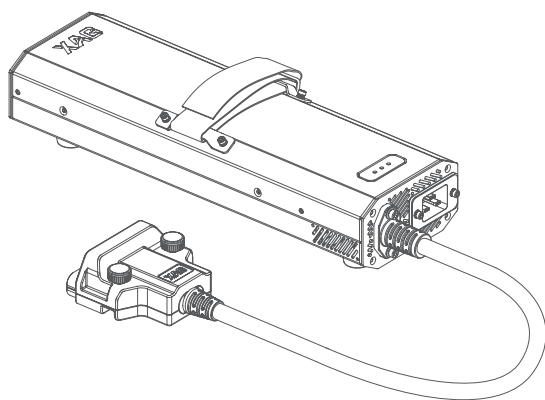


XAG CM13600S Charger

User Manual

Version 1.0 **EN**



To User

Dear user, thank you for choosing XAG's products.

For safety purposes and better user experience, it is highly recommended that you read this manual carefully and strictly follow the instructions hereof.

Contact Us

Manufacturer: Guangzhou Xaircraft Technology Co., Ltd.

Add: Block C, No.115, Gaopu Road, Tianhe District, Guangzhou, Guangdong Province, China

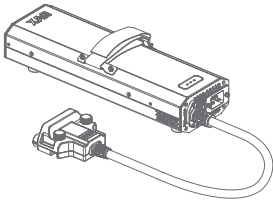
Technical Support E-mail: support@xa.com

Introduction

The XAG CM13600S Charger (the "charger") is characterized by a wide voltage, forced air-cooling design, along with features such as undervoltage protection, overvoltage protection, over-temperature protection, and fault isolation. It is classified as a high-power charger. During charging, the charger monitors the charging status of the smart supercharge battery (the "battery") in real time. Once the battery is fully charged, the charger stops charging, and the battery automatically powers off.

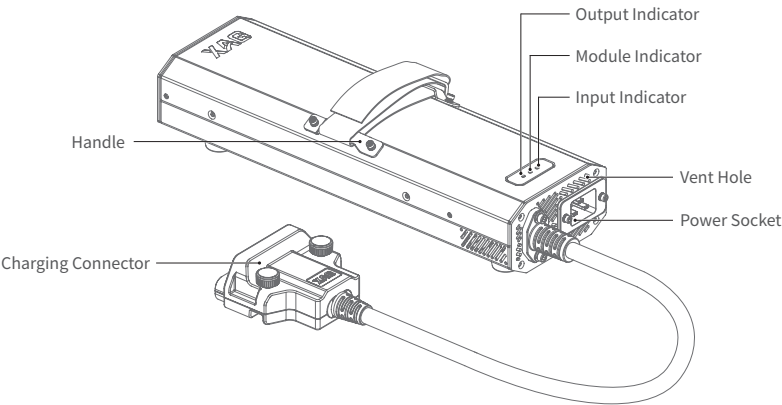
List of Items

Please see that all of the following items are present when unpacking the box. Should there be any item missing, please contact your seller immediately.



CM13600S Charger
×1

Main Components

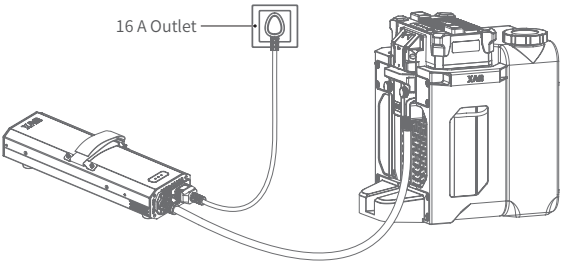


Indicator Descriptions

Indicator	Status				Description
Output Indicator	Solid Green	●	○	○	Idle
	Flashing Green	☀	○	○	No battery connected or communication failure
	Solid Red	●	○	○	Normal
Module Indicator	Solid Yellow	○	●	○	Module normal
	Flashing Yellow	○	☀	○	Input overvoltage/undervoltage protection, output overcurrent/short circuit/overvoltage/undervoltage protection
	Double Flashing Yellow	☀☀	☀☀		Fan failure
Input Indicator	Solid Green	○	○	●	Input normal
	Flashing Green	○	○	☀	No ground wire connection, charging can be risky
	Solid Red	○	○	●	Device fault, protection triggered, output OFF
	Flashing Red	○	○	☀	Device overheating, output protection triggered, output OFF

Charging

Connect the charger's power socket using the 16 A power cord. When the indicator turns solid green, the power-up is finished. Securely attach the charging connector to the cooling tower. Gently put the battery into the battery compartment of the cooling tower and connect it to the charger's charging connector. Power on the battery to start charging.



Note

- ⚠ Only a 16 A power outlet that meets national/industry quality standards should be used for charging. Using non-compliant, unqualified, or incompatible outlets may damage the charger and the battery. The user will be solely responsible for any resulting losses.
- ⚠ This product is only compatible with XAG B13960S, B13970, and B13970S Smart SuperCharge Batteries without connecting an adapter. If you want to charge other B-series batteries with this charger, please contact your local dealer to purchase an adapter.

Specifications

Model	M2CM13600CH
Dimensions	346×109×73 mm
Weight	Approx. 3.9 kg
Charging Input	① 100-120 V~ 50/60 Hz 15.0 A ② 220-240 V~ 50/60 Hz 16.0 A
Charging Output	① 59.92 V $\rightarrow$ 21 A ② 59.92 V $\rightarrow$ 55 A
Cooling Method	Forced air-cooling
Operating Temperature	-20~40°C
Compatible Batteries	XAG B13960S Smart SuperCharge Battery XAG B13970 SuperCharge Battery XAG B13970S SuperCharge Battery

Precautions

- Please keep the charger ports clean and avoid contact with metal objects.
- Keep the battery connector clean and dry, and avoid contact with metal objects, electrolytes, corrosive liquids, or other foreign liquids on the battery connector's conductive contacts.
- Do NOT place the charger outdoors, expose it to direct sunlight, rain, or humid environments.
- Do NOT use AC power that exceeds the rated voltage range for charging. Keep the charger away from flammable or explosive objects during charging, and ensure that someone is present to monitor the charging process.
- If using a generator as the power source, ensure the generator reaches a stable state before connecting the charger. It is recommended to use a generator with inverter functionality to ensure that the voltage harmonic distortion rate is less than 15% during charging.
- Use plugs, sockets, and power lines that are compatible with the device's power rating. Exceeding the device's rated power may result in fire or damage to the device.
- If any abnormality or warning occurs during the charging process, immediately disconnect the power. Only resume charging after the product is checked and confirmed to be functioning properly.
- To ensure charging safety, maintain a distance of at least 30 cm between the battery and the charger, and between batteries, to prevent overheating during charging that could cause faults in the charger or battery, or even result in fires.
- Regularly inspect charging interfaces, plugs, and other components before daily use. Do NOT use alcohol or other flammable agents to clean the charging device.
- If the charger's exterior is damaged, stop using it immediately and contact XAG or the XAG service center.
- Never use a damaged charging device. If repairs or replacements are needed, contact XAG or the XAG service center.
- Do NOT use batteries or charging devices not manufactured by XAG. Any charging accidents, battery malfunctions, flight failures, or other issues resulting from the use of non-XAG products will be the user's responsibility.
- If the use of non-XAG products causes damage to XAG charging devices, batteries, or other products, it will not be covered under the product warranty. The user will be responsible for repair or replacement costs.
- Do NOT modify, disassemble, assemble, or reassemble the charger. Any accidents resulting from such actions will be the user's responsibility.
- When using this device for charging, stay away from heat sources and high temperatures, and ensure there are no flammable or explosive objects within 2 meters of the charging area. A responsible person must monitor the charging process.
- After using the charger, disconnect the connector from the battery, and place both the charger and the battery in a safe, clean, and cool location.
- When inspecting or repairing the charger, make sure it has cooled down before performing maintenance.

Warning

This is a Class A product. In a residential environment, this product may cause radio interference. In such cases, the user may need to take practical measures to mitigate the interference.

Disclaimer

1. Please read the User Manual carefully before using this product as it has an important impact on both operational safety and your legitimate rights and interests. You shall be deemed to have known, understood, agreed to, and accepted all the terms and conditions as well as information stated in the User Manual upon the activation of this product.
2. Not being a toy and with certain risks, this product is not suitable for those who are under 18 years old, those who have limited or no capacity for civil conduct, and those with mobility impairments. Please keep children away from this product and be particularly cautious when operating this product with children present.
3. You undertake to use the product within the bounds of the law for legitimate and legal purposes only and agree to all the information stated in this User Manual.
4. To the maximum extent permitted by law, under no circumstances shall XAG offer an implicit or explicit guarantee for this product, including but not limited to implicit guarantees pertaining to vendibility, fitness for a particular use, or non-infringement.
5. To the maximum extent permitted by law, XAG shall not be liable for any loss caused by your use of this product outside the instructions in this User Manual. Furthermore, XAG shall not be liable for any indirect, consequential, punitive, accidental, special or exemplary damage, including any loss incurred as a result of your purchase, use, or inability to use the product, even if you have been advised of the possibility of such loss.
6. Please install, use, transport, and maintain the product under the instructions in this User Manual. Do NOT convert, or disassemble this product on your own as any malfunction or damage arising therefrom or resulting from your improper use will not be covered by the warranty, and you shall solely assume the liability arising therefrom, both financially and legally.
7. You understand that in the use of any products, accidents may occur as a result of a single or combined factors, including but not limited to improper operation, surroundings and communication networks. You understand that the aforesaid accidents are reasonable and acceptable in the use of the product, and that XAG shall not be held accountable for such accidents.
8. To the maximum extent permitted by law, under any circumstances, the liability or compensation amount from XAG to you for all damage, losses and litigation arising therefrom will not exceed the amount that you paid to XAG or its authorized dealers for purchasing the product.
9. On any account, purchasers or users shall comply with the laws, regulations, and policies of the country and region where the product is used. XAG shall assume no liability arising from the violation of applicable laws, regulations, and policies by the purchaser or user.
10. As exclusion clauses may be prohibited by the laws, regulations, and policies of certain countries, your rights in different countries may vary. However, this does not imply that the terms contained in this Disclaimer are necessarily invalid.
11. To the maximum extent permitted by law, XAG reserves the right for final explanation and revision of the terms and conditions stated hereinabove. XAG also has the right to update, modify or terminate these terms and conditions via its official website, User Manual, online App, etc., without prior notice.

Warning

Users are required to download and read through the User Manual. Otherwise, improper operation of the product may cause serious injury to the user or others, or cause damage to the product and property loss. Safety awareness is of great importance during operation. This product is not suitable for children and those who are under 18 years old. Do NOT use any parts that are not officially provided or suggested by XAG. Please install and use the product in strict accordance with XAG's instructions within the provided scope.

Compliance Information

FCC Compliance Notice

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

Brand name / model number: M2CM13600CH

Suppliers Name(FCC): Pegasus Spray Inc

Suppliers Address (FCC):18571 State Hwy 6 Lewistown, MO 63452 United States

Suppliers phone number and / or internet contact information: +1 (503) 866-1228

EU Compliance Statement

“Hereby, [Guangzhou Xaircraft Technology CO.,LTD.], declares that this [XAG CM13600S Charger] is in compliance with the essential requirements and other relevant provisions of 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

www.xa.com/en/service/downloads”

Brand name / model number: M2CM13600CH

Suppliers Name(EU): NIK ELECTRONICS LTD

Suppliers Address (EU) : Sofia, 11B Brussels Blvd., fl.13

Suppliers phone number and / or internet contact information: 00359899952228



KCC Warning Message

이 기기는 업무용 환경에서 사용할 목적으로 적합성 평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파 간섭의 우려가 있습니다 .



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