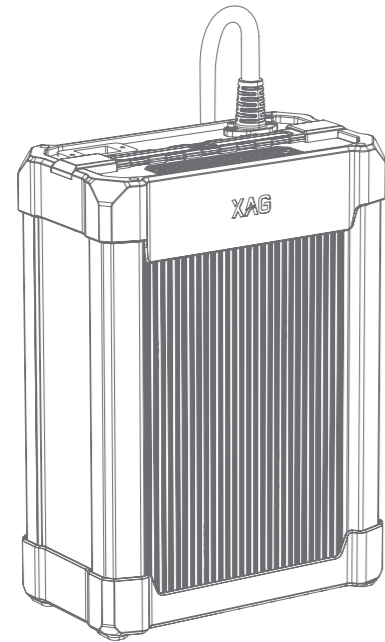


# 2021 INTELLIGENT SUPERCHARGER

## User Manual

Version 1.0 



### To Users

Dear user, thank you for choosing XAG 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

If you have any questions about this document, please contact our Technical Support team via email: [info@xa.com](mailto:info@xa.com)

### Introduction

With a wide voltage range and outer air-cooling design, 2021 Intelligent SuperCharger (Model: CM12500P), a high-wattage charger, features under-voltage protection, overvoltage protection, overheat protection, fault isolation, etc. While charging, SuperCharger provides real-time monitoring of the battery status. Upon full charge, the SuperCharger will terminate the charging process and battery will switch off automatically.

#### Note

This product can only be used for charging the B13960S Smart Battery without an adapter.

### Item List

Please check that all the following items are present when unpacking the box. Should there be any item missed, please contact your dealer.



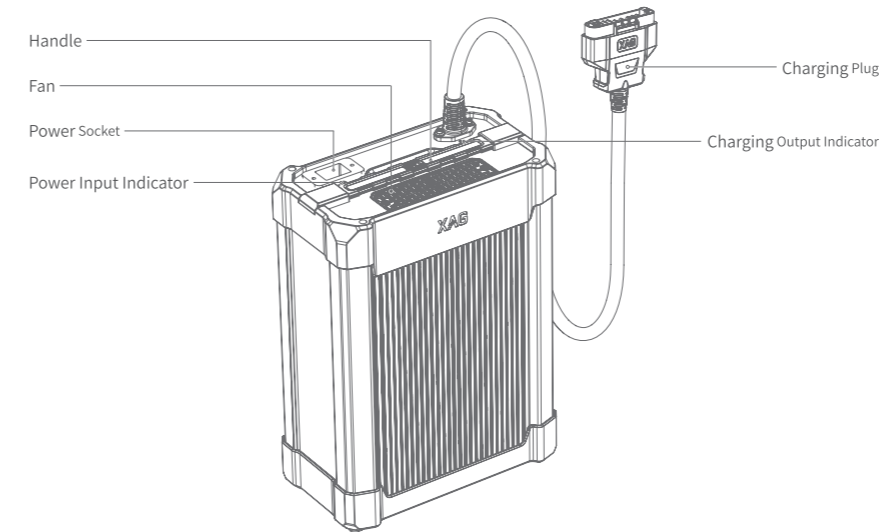
SuperCharger X1










16A Power Cable X1

### About SuperCharger

#### Structure

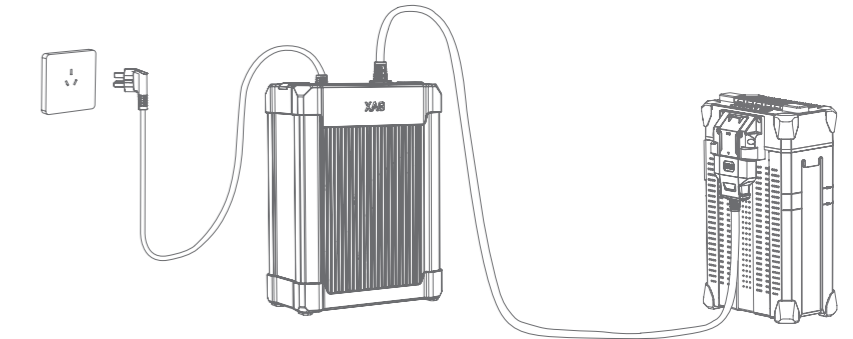


### Status Indicator Description

Status Type	LED Behaviour	Status	Status Description
Power Output	Solid Green 	Normal	Normal input
	Blinking Green 	Not Grounded	Risks exist
	Solid Red 	Failure	Protection triggered, output OFF
	Blinking Red 	Overheated	Protection triggered, output OFF
Charging Output	Solid Green 	Idle	Idle
	Blinking Green 	Offline	No battery or communication faults
	Solid Red 	Charging	Charging

### Charging

Connect power socket and AC power source (AC 90-260V-50/60Hz) with the 16A power cable. Charger will start after the indicator turns green. After connecting B13960S Smart Battery with the charging plug, switch on the SuperCharger and start the charging process. The connection is shown in the diagram below.



### Specifications

Model	CM12500P
Input	AC 90-165V~50/60Hz 23A (Max) AC 180-260V~50/60Hz 23A (Max)
Output	DC 50-60V/25A (Max)/1250W (AC 90-165V~50/60Hz) DC 50-60V/50A (Max)/2500W (AC 180-260V~50/60Hz)
Cooling Mode	Outer Air Cooling
Operating Temperature	-10~45°C
Storage Temperature	-20~50°C
Operating Altitude	≤ 3000m
Net Weight	Approx. 9.0kg
Dimensions	242*137*337mm

## Precautions

- Please keep the sockets clean and avoid metal-to-metal contact.
- Please always keep the interface clean and clean the water or foreign matters off it promptly. Otherwise, it will result in poor contact, contributing to a short circuit.
- Never leave the charger exposed to harsh sunlight or rain outdoors.
- Never charge with AC power exceeding rated voltage range. Please keep flammable and explosive objects away and never leave the battery unattended while charging.
- While using a generator as a power supply, please allow it to start and run for a while before connecting to the SuperCharger. It is recommended to use a variable frequency generator to make sure the harmonic distortion in the generator is less than 15%.
- Please match ratings of plug, socket and line to the wattage of the SuperCharger as overloading may lead to a fire.
- In case of anomaly or alarm while charging, cut off power instantly and test for normality before proceeding.
- For your safety, keep a minimum of 30cm distance between the battery and the charger, and between two batteries, lest too much heat lead to the charger or battery failure, even causing dreadful consequences like a fire.
- Have a regular check on components including interface and plug. Never clean the device with alcohol or other combustible agents.
- In case of a damaged appearance of the SuperCharger, please stop using it and contact XAG or the dealer forthwith.
- Never use a damaged charger. For maintenance or replacement, please contact our after-sales support or designated dealers.
- Never use the smart battery or charger manufactured by non-XAG manufacturers. Otherwise, user shall assume the responsibilities for the charging incident, battery failure, flight failure and other incidents arising therefrom.
- Never convert and dismantle the SuperCharger without permission. Otherwise, user shall be held accountable for any consequence arising therefrom.
- Unplug the charger from the battery and store them in a safe, clean and cool place.
- In case of a damaged appearance of the SuperCharger, please stop using the battery and contact XAG or the dealer forthwith.

## Warning

This is a Class A product. Feasible measures should be taken as it may cause radio interference in the living environment.

## Disclaimer

1. Please read this manual carefully before using the product, as it significantly matters to both operational safety and your legitimate rights and interests.You shall be deemed to understand, agree and acknowledge all terms and conditions herein upon using this product.
2. Not being a toy, this product is not suitable for those who are under 18 years old. Please keep the children away from this product and be particularly cautious while there are children present.
3. Please install and use the product under the guidance of the "Instruction Manual / User Manual". NEVER convert or dismantle the product without permission. Otherwise, user shall bear all the loss arising therefrom while XAG is not held legally accountable.
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## CERTIFICATE

This product has been tested and proved to be qualified for delivery.



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