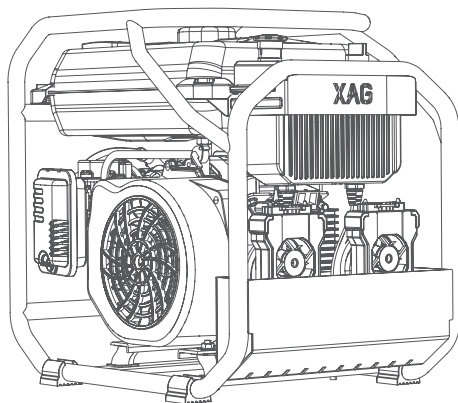




GC4000 Auto Super Charge Station

User Manual
Version 1.3 **EN**

To Users

Dear user, thank you for choosing XAG products.

For safety purposes and the best experience possible, XAG recommends reading through the User Manual and Disclaimer contained in this document before attempting to use the GC4000 Auto Super Charge Station.

Contact Us

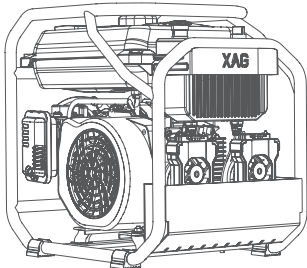
If you have any questions about this document, please contact our Technical Support via email: info@xa.com

Product Profile

The XAG™ GC4000 Auto Super Charge Station (Super Charge Station) consists of the following components: a charger frame, a fuel tank, an engine assembly, an engine controller, and a charge controller (including an operation panel). The ability to convert chemical energy into electrical energy when there is no access to mains electricity, the Super Charge Station can quickly and efficiently charge XAG's range of smart batteries. During use, the Super Charge Station automatically identifies the model of the inserted smart battery and adjusts the charging current accordingly. It can charge one or two smart batteries at a rated charging power of 3000W. By detecting and monitoring the engine's fuel level and recording usage in real-time, it also informs users when repairs and maintenance are needed. Featuring protection from overheating, short circuiting, overcurrent, and overvoltage, the Super Charge Station delivers proper reliability and safety in a complex field environment.

List of Items:

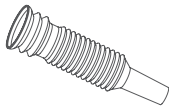
When unpacking the product, please carefully check that all the items listed below have been included. Please contact your dealer if there are any missing items.



GC4000 Station
X1



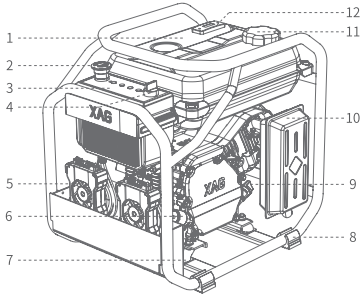
10W-40 Engine Oil, 600mL
X1



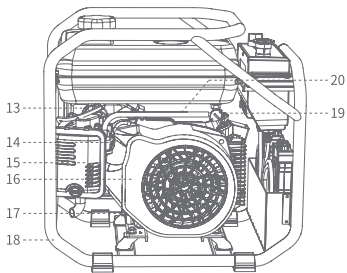
Funnel
X1

GC4000 Auto Super Charge Station

Panel Introduction:



- 1. Fuel Tank
- 2. Emergency Stop
- 3. Charge Controller
- 4. ON/OFF Knob
- 5. Charge Port
- 6. Fuel Sensor
- 7. Engine Cushion

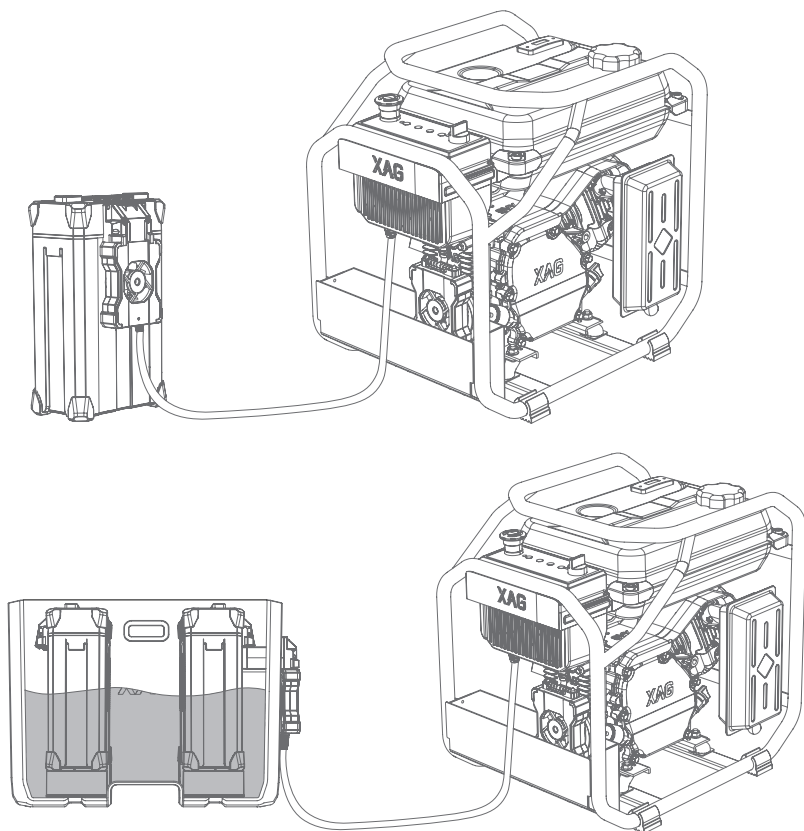


- 8. Shock-absorbing Block
- 9. Oil Level Gauge
- 10. Silencer
- 11. Tank Cover
- 12. Oil Observation Window
- 13. Spark Plug
- 14. Fuel Filter
- 15. Air Filter
- 16. Engine Fairing
- 17. Oil Drain Screw
- 18. Frame
- 19. Fuel Switch
- 20. Oil Tube

User Manual

The GC4000 Auto SuperCharge Station is used for charging the smart batteries produced by XAG only, and may not be used for other purposes.

For compatible smart batteries produced by XAG (model coded B*****S ending with "S"), a full charge takes about 15 minutes under normal conditions; for incompatible batteries, the charging time depends on the maximum charging current allowed by the battery.



Before use, please make sure the red emergency stop switch on the left side of the panel is UP, and the fuel switch has been set to "OFF". Then, insert the charging port into the smart battery to be charged.

Power ON

Switch on the smart battery. To turn on the Station, turn the ON/OFF knob on the right side of the panel to "ON". If the Station doesn't activate, the red fault indicator will light up. Simply try again by rotating the knob to ON. If the startup fails several times, turn the knob to "OFF", and switch off the smart battery. Check the Super Charge Station and the charge controller, making sure there is sufficient fuel. If no faults are found, restart the smart battery and rotate the knob to "ON" again.

When the knob is "ON" and the Super Charge Station is in a powered down state, connect the battery and turn it on before performing the shutdown and startup operation again to activate the charging process.

Operation

Under normal operation conditions, when the smart battery is connected and turned on, the Station will start charging automatically.

If you need to disconnect or turn off the smart battery while it is charging, please switch off the Station first. Directly disconnecting or turning off of the smart battery may cause the Station to trigger over-voltage protection and lead to shutdown.

Power OFF

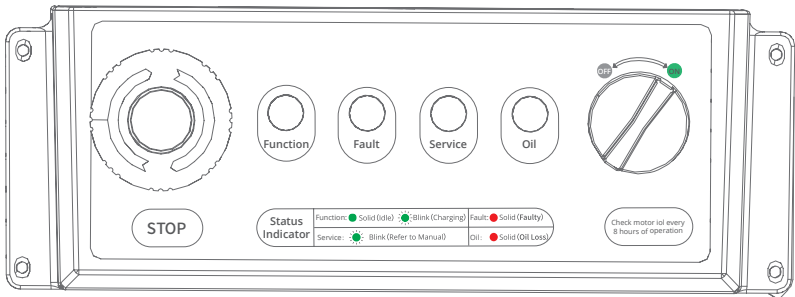
Turn the knob to "OFF" or press the red emergency stop button to shut down the Super Charge Station.

Where an inserted smart battery is fully charged, the Station will automatically shut down after 1 minute of idling.

Where the smart battery is turned off or disconnected while charging, the Station will automatically shut down after 1 minute of idling.

Under normal operation conditions, if the emergency stop switch is pressed, the Station will automatically shut down.

Description of Status Indicators



Status Type	LED Display	Status Description
Running Indicator	Green Light On 	Idle Mode
	Green Light Flash 	Green Light Flash
	Green Light Off 	Power Off
Red Malfunction Indicator	Red Light On 	Start failure or charge controller failure
	Red Light Off 	Normal Off
Maintenance Indicator	Red Light Off 	Flashes the first time after running for a total of 20 hours; then flashes after every 50 hours of running time as a reminder to refuel
	Red Light Off 	Normal Off
Oil Indicator	Red Light On 	Oil
	Red Light Off 	Normal Off

How to remove the flash warning sent by the red maintenance indicator: When the Super Charge Station is off, connect and turn the smart battery on. Quickly rotate the knob on the right side of the panel to "ON" and "OFF" 3 times, and then turn the knob to "ON" again. After this, the flash warning will disappear, and the Station will start normally.

Notes

- When using a Super Charge Station for the first time, please first fill it with engine oil.
- It is forbidden to use this device for charging beside the vehicle, inside the vehicle, indoor or in a closed place with poor ventilation.
- Handle with care during transportation, and do not use it indoors or in a closed place with poor ventilation.
- Please place the engine horizontally and ensure it is laying flat on the surface; do not place the Station on a slope >10 °.
- Please keep all battery plugs clean and keep the conductive contacts away from metal objects, electrolytes, corrosive liquids or other foreign objects.
- The muffler of the Super Charge Station is in a high temperature state when the supercharge station is working, and it is forbidden to touch it. After each use, please wait for the device to cool before handling to avoid burns.
- The Super Charge Station and the silencer run at a high temperature. After each use, please wait for the machine to cool before touching it to prevent burns.
- This machine is not waterproof, so do not flush it with running water or other liquids.
- Do not expose the Station to the sun or rain.
- The GC4000 Auto Super Charge Station is used for charging smart batteries produced by XAG only. Do not use it to charge batteries that have not been produced by XAG. The user shall bear the responsibility for battery accidents, flight failures or other accidents caused by the use of the Super Charge Station to charge batteries not produced by XAG.
- Do not modify, disassemble or reassemble the Station. Accidents caused by such modification for other purposes will be borne by the user. to charge batteries not produced by XAG.
- Keep flammable and explosive materials away when charging. Do not leave the charging site unattended.
- When the battery is on, do not connect or disconnect the charging plug.
- When using the Station, please follow local laws and regulations. Avoid disturbing others or discarding waste oil irresponsibly to protect the natural environment.
- Please use oil of suitable variety and compliant quality only.
- When refilling gasoline and engine oil, please keep away from ignition sources and ensure that the Station is off.
- Do not refill the gasoline or engine oil tanks with diesel, water or other liquids, which may lead to startup failure or device damage. The losses arising therefrom shall be borne by the user.
- Before troubleshooting and repairing the Station, first disconnect the battery.
- Please inspect the fuel after every 8 hours of operation. Check whether there is an oil or gasoline leakage before each start.
- All performance parameters of the machine are measured no more than 1,000 meters above sea level. To use it at an altitude of over 1,000 meters, perform proper heat dissipation, as thin air may lead to power decline.
- The exhaust pipe occasionally pops while the Station is starting up. This is normal and does not affect the use of the machine.

Maintenance

- The Station uses 10W-40 engine oil with a volume of 600ml per refill. Overfilling or insufficiently filling the Station may cause start failure of the Station.
- After the initial 20 hours of operation, perform maintenance and oil replacement of the Station. Once this first maintenance has been completed, oil is replaced after every 50 hours of operation.
- The air filter element needs to be cleaned after every 100 hours of operation.
- It is necessary to replace the spark plug and air filter element as well as align the valve clearance after every 500 hours of operation.
- It is recommended to check the fuel pipe regularly and replace it when it is hardened or cracked.

Technical Specifications

Model: GC4000	Air Intake: Natural aspiration	Pollutant Emission: GB Stage II
Number of Cylinders: One	Ignition: Spark ignition	Service Life: > 500 hours
Diameter of Cylinder: 70 mm	Startup: Electrical starting	Net Weight: 26.5 kg
Piston stroke: 58.5 mm	Oil Capacity: 600ml	Dimensions: 492 mm*407 mm*462mm
Compression Ratio: 8.5 : 1	Tank Capacity: 10L	Fuel Consumption: ≤0.6L/KW.h
Total Displacement: 225cc	No-load Speed: 2600 rpm	(at 25°C , 0 altitude, 92# unleaded gasoline under national standards @ charging power of 3KW)
Rated Power: 3KW	Insulation Class: Class B	
Rated Shaft Output Power: 4KW	Noise: ≤88dB (A) @1M	

Disclaimer

1. Please read this document carefully before using this product. This Disclaimer has an important impact on the safe use of the product and your legitimate rights and interests. The use of the product shall be deemed as you have known, understood, acknowledged, and accepted all terms and contents of this document.
2. This product is not a toy, and is not suitable for people under the age of 18. Please keep this Product away from the reach of children, and be very careful when operating in the presence of Children.
3. This product must be charged with the charging devices provided by XAG. For product Malfunction or damage caused by the use of other charging devices, XAG does not bear the corresponding legal responsibility.
4. Please assemble and use this product in strict accordance with the "Product Manual/User Manual". Do not modify or disassemble the product without authorization. The user shall bear all losses arising from his or her unauthorized modification or disassembly of this product, for which XAG may not be held liable.
5. To the maximum extent permitted by law, XAG shall not be liable for all losses caused by users' failure to use the product in accordance with this document and the "Product Manual/Operation Manual".
6. To the maximum extent permitted by law, the liability or amount XAG under any circumstances owes to you for all damages, losses, and litigation arising therefrom will not exceed the amount paid to XAG by you for the purchase of the product.
7. In any case, the purchaser or user shall comply with relevant laws and regulations of the country and region where the product is used. XAG does not assume any liability arising from violation of relevant laws and regulations by the purchaser or user.
8. As laws in some countries may prohibit exemptions from liability clauses, your rights in different countries may vary. This does not mean that the contents of this Disclaimer are necessarily invalid.
9. To the extent permitted by law, XAG has the final right to interpret and modify the above terms. XAG has the right to update, modify, or terminate these terms through its official website, the "Product Manual/User Manual", online APP and other means without prior notice.

Warning

Users are required to read the complete "Product Manual" and be familiar with the product operations before using the product. Otherwise, it may cause serious injury to yourself or others, or cause product damage and property loss. Strong safety awareness is required to operate this product. Do not use the parts that are not provided or suggested by XAG. Please strictly follow the instructions of XAG to install and use the product.

Certificate of Inspection

**This product has passed
inspection.**



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