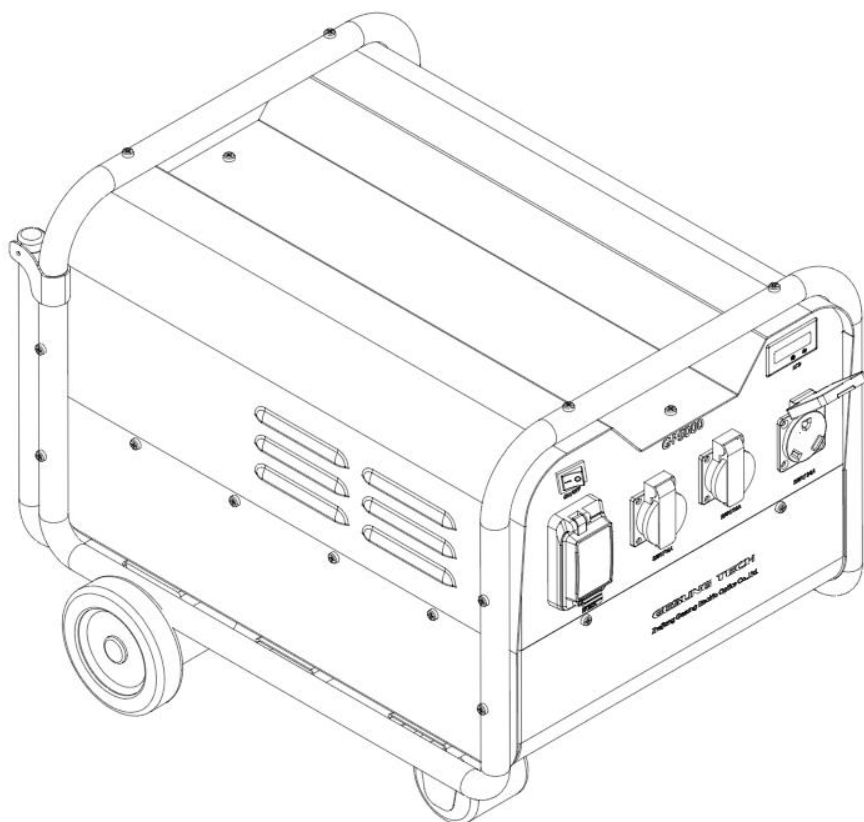


GESUNG

Engineering Power Supply

User Manual

GP5000



1. Keep Power Storage Generator and the accessories dry. DO NOT expose the product and accessories to high heat.
2. Never disassemble, puncture, shock, damage, or incinerate the product.
3. Recycle and dispose of Power Storage Generator in accordance with local laws and regulations.
4. Pay attention to safety when handling the Power Storage Generator.
5. Children or people with disabilities should use the product under adult supervision.

Glossary

The following terms are used in this document to indicate various levels of potential harm that may be caused by improper operation.

NOTICE

The instructions, if not properly followed, may result in property damage and minor physical damage.

CAUTION

The instructions, if not properly followed, may result in property damage and serious physical damage.

WARNING

The instructions, if not properly followed, may result in property damage, major accident and serious injury.

WARNING

Read the ENTIRE User Manual before operating. Failure to operate the product correctly may result in damage to the product or personal property and cause serious injury. We will not assume any legal responsibility. DO NOT use the product with incompatible components or alter the product in any way without following the instructions provided by us. Failure to follow these instructions will render us after-sales services and the product warranty void. These Safety Guidelines include instructions for safety, operation and maintenance. It is important to read and follow all the instructions and warnings in the user manual before assembly, setup, or use.

Product Safety Guidelines

WARNING

Improper use may result in fire, property damage, or personal injury. Make sure to use the product according to the following safety rules and guidelines.

Product Disclaimer

Read all safety tips, warning messages, terms of use and disclaimers carefully.

Product Use:

1. DO NOT expose the product to any liquids. Do not immerse the product in water. DO NOT leave the batteries out in the rain or near a source of moisture. Moisture in the Portable Power Station could cause short circuits, component failure, fires or even explosions.
2. Never use non-us parts. Go to distributor ask. We will take no responsibility for any damage caused by the use of our parts.
3. Never install or remove other modules from the Power Storage Generator when it is turned on. DO NOT plug or unplug other modules when the power of the product is turned on, otherwise the power interface may be damaged.
4. Using the product in environments above 140°F (60°C) may cause fires or explosions. Using the product below -4°F (-20°C) will severely affect the performance of the product. Allow the product to return to a normal operating temperature before using it.
5. DO NOT use the batteries in strong electrostatic or electromagnetic environments. Otherwise, the battery control board may malfunction and cause a serious accident during use

6. Never disassemble or puncture the product in any way. Otherwise, it may leak, catch on fire, or explode.
7. DO NOT use the product if it was involved in a crash, accident, or a forceful jolt.
8. If the product falls into the water during use, take the product out immediately and put it in a safe and open area. Keep a safe distance from it until it is completely dry. Never use it again and dispose it properly as de-scribed in the Battery Disposal section below. If the product catches fire, it is recommended to use fire extinguishing equipment in the following order: water or water mist, sand, fire blanket, dry powder fire extinguisher, and carbon dioxide fire extinguisher.
9. DO NOT put the product in a microwave oven or in a pressurized container.
10. DO NOT allow pins, wires, or other metal pieces to enter the Power Storage Generator case, outlets, or controls. Metal pieces may short circuit the product.
11. Avoid collisions. DO NOT place heavy objects on top of the Power Storage Generator.
12. If there is dirt on any plug or outlet surface, use a dry cloth to clean it. Otherwise, it will cause abrasion and result in energy loss or the inability to charge

Product Charging:

1. Always use our approved charging cables. We does not take any responsibilities for any damages caused by using non-us charging cables.
2. DO NOT use different series products AC charging cables on this series power generator. We take no responsibilities for any damages caused by customers' failure to follow instructions. Doing so will void the warranty.
3. When charging, please place the product on the ground with no flammable or combustible materials around it. To prevent accidents, never leave the product unattended during charging.
4. DO NOT charge the product immediately after a long or heavy load, because the device temperature may become too high. DO NOT charge the device until it cools down to room temperature.

Product Storage and Transportation:

1. Keep the product out of the reach of children. If any child accidentally swallows any parts, please seek medical attention immediately.
2. If a low-battery warning appears, charge the product before storing it. Otherwise, long-term storage may cause damage to the batteries in the product. Batteries in the product will enter hibernation mode if they are depleted and stored for a long time. Recharging the product can bring the battery out of hibernation.
3. DO NOT place the product near a heat source, such as inside a car in direct sunlight, a fire source, or an operating stove.
4. Store the product in dry environments. Please keep it away from water.
5. Make sure no objects can fall on or around the product while it's being stored.
6. Never ship a product with a battery power level higher than 30%.

Product Battery Disposal:

1. Dispose of Station in specific recycling boxes only after a complete discharge. Batteries are hazardous chemicals. Please strictly follow your local regulations regarding the battery disposal and recycling.
2. Dispose of the product if it cannot be powered on after over-discharging.

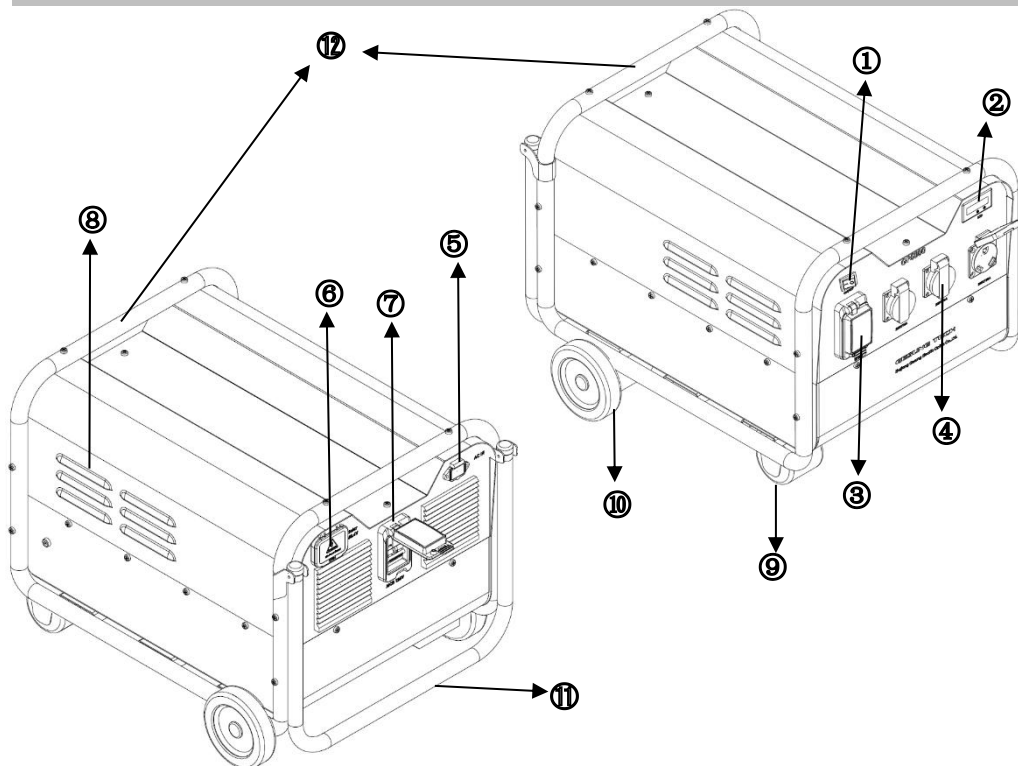
Product Maintenance:

1. Temperature for normal use and storage of this product is -4°F to 104°F (-20°C to 40°C) and temperature for optimal use and storage of this product is 68°F to 77°F (20°C to 25°C).
2. If the product is not used for a long time, the battery life may be reduced. 3. Discharge the Station to 30%, then charge to 85% every 3 months to keep the battery healthy.

Travel Notice:

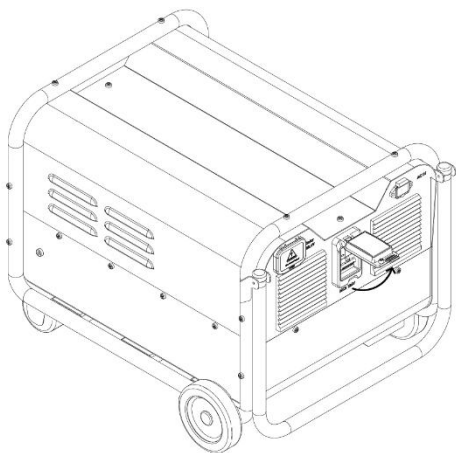
Do not bring this product on flights.

Features of the Power Storage Generator

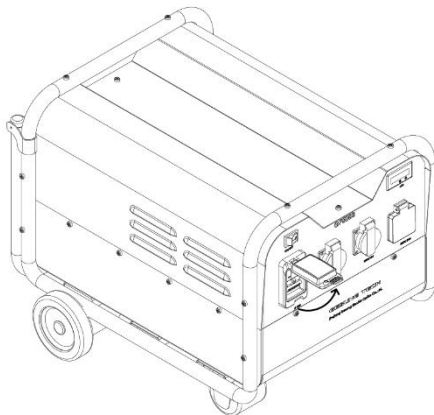


1. Power ON/OFF Button
2. LCD Display
3. Leakage Protection (LP)
4. AC Output Sockets 3X(230VAC)
5. C14 AC Power Charging Input (250VAC~10A)
6. Maximum Solar Input Current(40A)
7. Mini Circuit Breaker (MCB 125A)
8. Heat Dissipation Dole (Do not cover and maintain good ventilation and heat dissipation)
9. Spinner Wheels
10. Orienteering Wheels
11. Push-pull Rods
12. Lift The Rods Parts

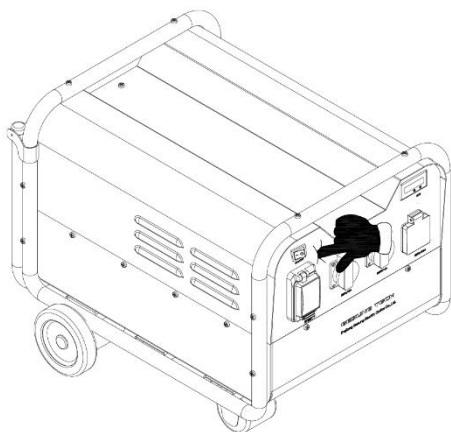
How to Operate the Power Storage Generator



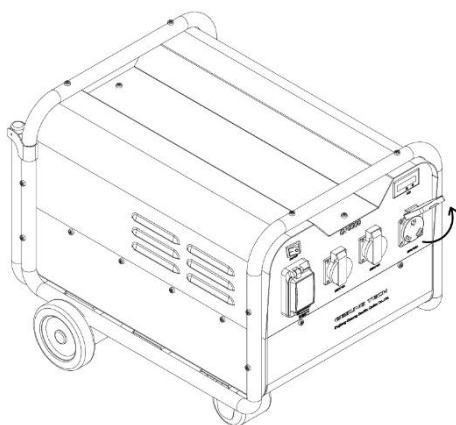
1. Open the Mini Circuit Breaker then Push the switch upwards to "ON".



2. Open the Leakage Protection then Push the switch upwards to "ON".

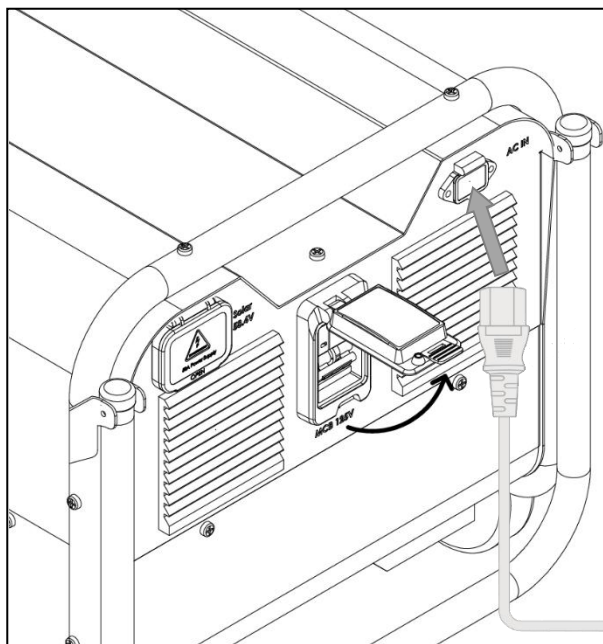


3. Open Power ON/OFF Button. Push the switch towards to "ON".



4. Open the cover of the protective face of the socket, plug in an electrical

How to AC Recharge the Power Storage Generator



Please make the original standard AC charging cable of the product. It is directly connected to the C14 AC charging port of this product, and it is not recommended to connect to the power strip. At the same time, pay attention to whether the connected plug-in board meets the current of 10A, if the above conditions are not met, it is recommended to transform until the conditions are met, otherwise it is not operated correctly according to the instructions, and the product damage will not be held responsible.

230VAC~16A.



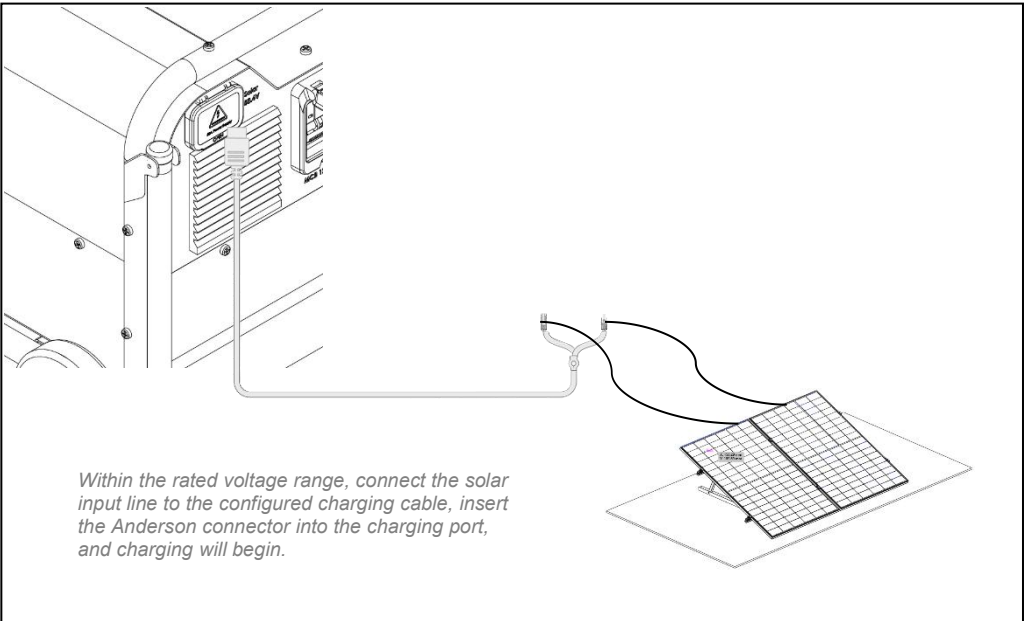
Connecting the DC Solar Panels

The energy storage generator supports solar energy input. The maximum input voltage is 180V, and the maximum charging power is 1920W. If the input from the photovoltaic array is too high, the solar input will be automatically cut off, and the system will automatically activate the overvoltage protection function. Note: Overvoltage may cause equipment damage, so users must read this manual carefully. If the product is damaged due to improper use of the solar panels, the warranty will automatically become invalid.

How to Recharge the Power Storage Generator Using Solar Panels

For full step-by-step instructions about how to connect Power Storage Generator with solar panels, please refer to the **Solar Panel User Guide**.

Recommend Charging Method



Technical Specifications (GP5000)

General Specs	
Net Weight	68kg
Dimensions	L58x W45 xH46cm
Pack Capacity	5120Wh 51.2V 100Ah
Outputs	
AC Output (x3)	5000W Max (Surge 10000W) total, 230Vac)
Input	
C14 AC Charge Input (230VAC~10A)	230VAC~10A
MPPT Solar Controller	
MPPT tracking range	2~150v
Maximum PV input power	1920w
Rated charging current	40A
Rated discharge current	20A
Battery	
Cell Chemistry	Lithium-ion
Discharge Temperature*	-4°F to 104°F (±5°F), -20°C to 40°C (±3°C)
Charge Temperature*	32°F to 104°F (±5°F), 0 to 40°C (±3°C)
Shelf Life	
Cycle Life	6000 cycles to 80%+ capacity

Engineering Power Supply

Model: GP5000
Rated Capacity: 5120Wh 51.2V 100Ah
AC Charge Input: 230VAC Max 2000W, L+N
Solar Charge Input: 2~150V (1920W Max)
AC Output(Socket X3): 230V,50Hz,3600W Max
Peak AC Output: 10000W

Discharging Temperature: -4°F-104°F/ -20°C-40°C
Charging Temperature: 32°F-104°F/ 0°C-40°C
Manufacturer: ZHEJIANG GESUNG ELECTRIC OPTICS CO.,LTD.



Warning

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* Please Note: The following information has been obtained under supervised test conditions.

Power Storage Generator FAQ

How to Clean Power Storage Generator?

Power Storage Generator(Hereinafter referred to as Products) is a versatile, durable Generator that can be used in many types of applications. You can clean using a dry, non-abrasive cloth. Use detergent that is used for cleaning mobile phones and computer screens if you need to clean Products more thoroughly. DO NOT expose Products to excessive amounts of liquid, as doing so can damage the product or result in injury.

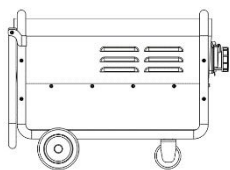
How to Store Power Storage Generator?

Please products in a dry and cool environment, away from any abrasive objects. DO NOT store or place Products near water. Please turn off the Products and store it within its recommended use and storage temperature range. If you need to store the Products for a long time, please discharge the Products to 30%, then charge it to 80% every 3 months.

How to Use Power Storage Generator Safely?

Please use Products in its recommended operating temperature range. Using Products out of the recommended operating temperature range may cause the power station to exceed safe and effective working limits. Products is not waterproof. DO NOT immerse Products in water. Doing so will void the warranty. If Products is used to power electrical devices with heating elements for over 30 minutes, such as a hairdryer, the power station may enter a high-temperature protection mode.

Packing List



Power Storage Generator



**AC
Charger Cable**



**DC
Charger Cable**



**User Manual and
Warranty Card**