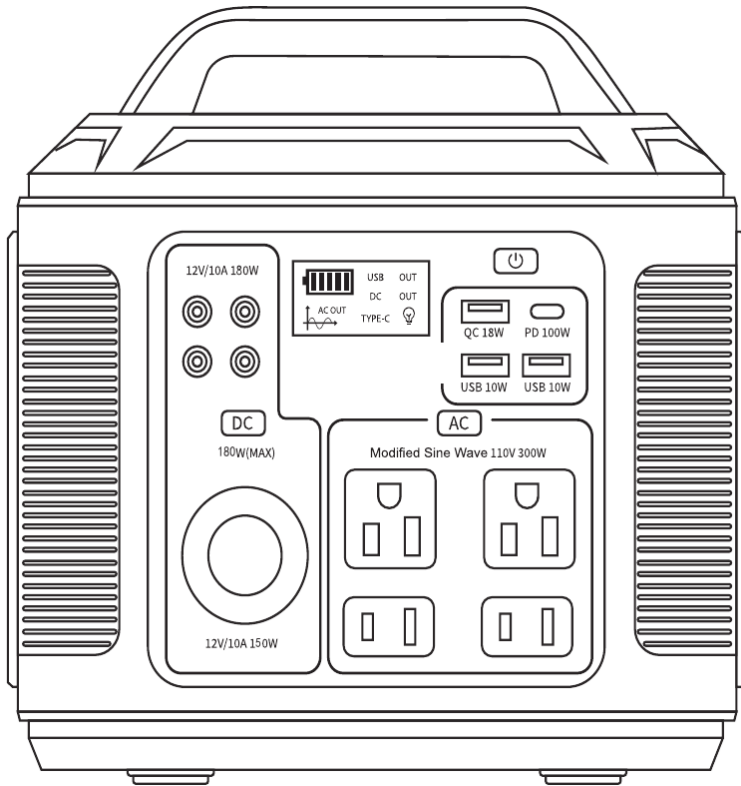


purlink GO 300

Portable Power Station / User Manual



Read before use and keep for future reference.

296Wh
CAPACITY

300W
AC OUTPUT

100W
USB-C PD

Safety Information

Read all instructions before operating, charging, storing, or transporting the power station. Incorrect use may cause fire, electric shock, injury, or property damage.

General safety

- Keep the unit dry. Do not expose it to rain, snow, splashing water, or high humidity.
- Use and store the unit away from open flame, heaters, direct high heat, and flammable materials.
- Do not disassemble, puncture, crush, drop, or modify the product or battery pack.
- Stop using the product immediately if it is swollen, leaking, smoking, unusually hot, or has a strong odor.
- Keep ventilation openings clear. Leave space around the unit while charging or powering a load.
- Keep out of reach of children. Supervision is required when used near children or pets.
- Do not insert metal objects into AC, DC, USB, charging, or ventilation openings.
- Use only undamaged cables, plugs, adapters, and compatible accessories.
- Do not handle the unit, plugs, or cables with wet hands.
- Disconnect all loads and chargers before cleaning. Use a soft, dry cloth only.

EMERGENCY RESPONSE

If the unit is damaged, overheats, emits smoke, or catches fire, move away from it if safe to do so and contact local emergency services. Do not continue operating or charging it.

Before First Use

1. Inspect the product and accessories for shipping damage.
2. Confirm that the model and ratings match this manual and the product label.
3. Fully charge the unit with the supplied AC adapter before the first use.
4. Test the power button, display, AC, DC, USB, and LED functions with low-power loads.

Operating precautions

- The four AC outlets share one 300W continuous output limit. Appliance startup power may be much higher than its nameplate rating.
- AC output is 110V, 60Hz modified sine wave. Verify compatibility before connecting sensitive electronics, medical devices, motors, compressors, or equipment with strict waveform requirements.
- The four DC ports and the car socket share the DC output stage. Do not treat every port as an independent 10A output.
- USB-C PD100W and the USB-A QC3.0 fast-charge port cannot operate at the same time. See the USB section for switching instructions.
- Output may shut down automatically after an overload, short circuit, overtemperature event, or low battery condition. Remove the cause before restarting.
- Actual runtime and charging time vary with load, temperature, battery age, cable quality, and conversion losses.

TRANSPORT

Turn the unit off, disconnect all cables, and protect every port from short circuit. Check the current carrier and airline rules before shipping or traveling with this 296Wh lithium battery product.

Product Overview

296Wh

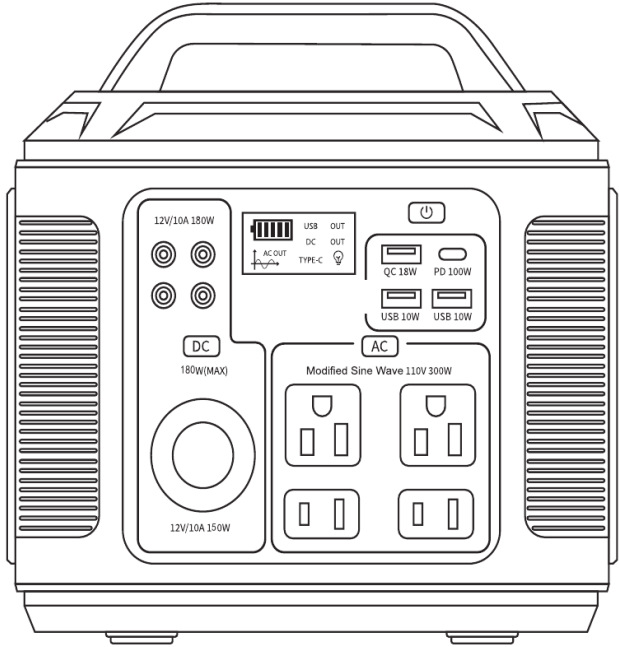
BATTERY CAPACITY

300W

AC CONTINUOUS

PD100W

USB-C OUTPUT

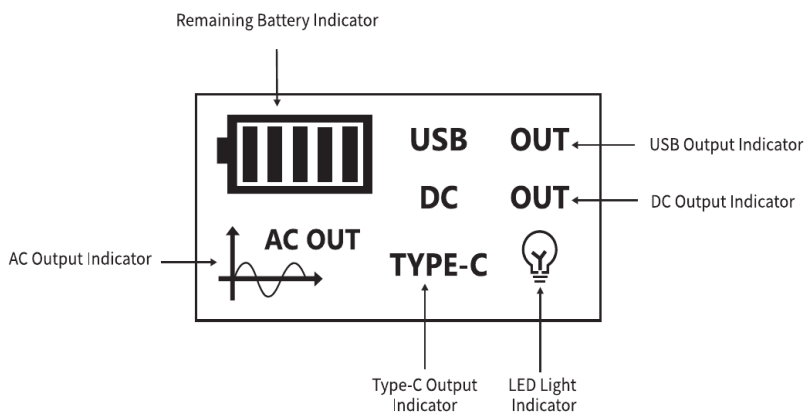


I/O layout

- Power button and LCD display
- DC output button and four DC5521 ports
- Car socket output
- AC output button and four US outlets
- USB-C PD100W, USB-A QC3.0, and two USB-A ports
- Rear input port; side LED light and independent light button

LCD Display and Controls

LCD Display



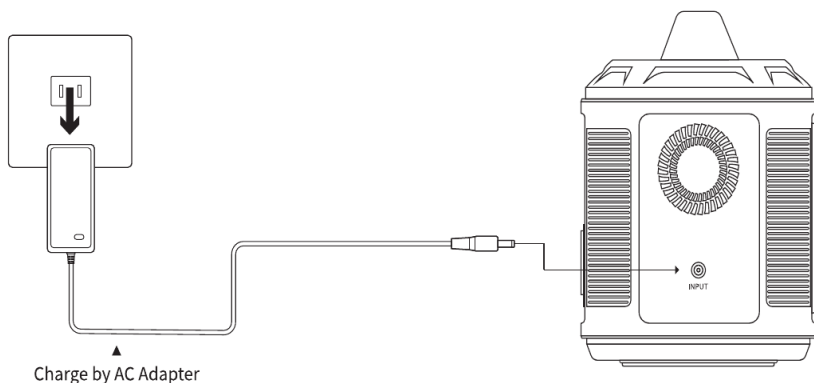
Display indicators

- Battery gauge: approximate remaining battery level.
- AC OUT: AC inverter output is enabled.
- DC OUT: DC ports and car socket are enabled.
- USB / TYPE-C: the related USB output is active.
- Light icon: the LED light is operating.
- The display may turn off after inactivity to reduce standby consumption; active outputs may continue operating.

BATTERY READING

The battery gauge is an estimate. High loads can cause a temporary drop; the reading may recover after the load is removed. Recharge the unit if low-battery protection occurs.

Charging with the AC Adapter



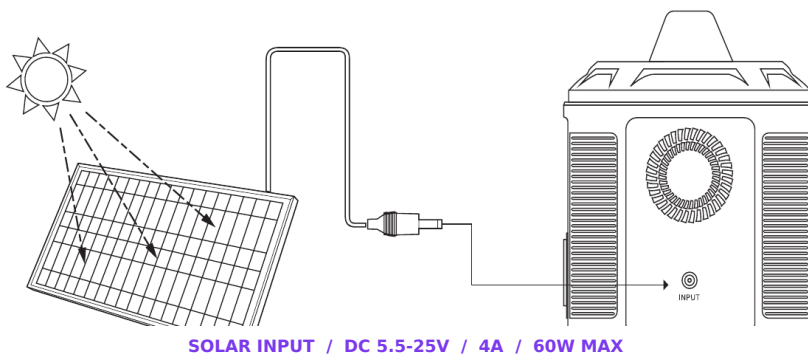
1. Place the power station on a stable, ventilated surface.
2. Connect the supplied DC 15V / 4A adapter to the DC-5521 input jack.
3. Plug the adapter into a grounded 110V AC outlet.
4. Confirm that the display illuminates and the battery indicator shows charging.
5. When fully charged, unplug the adapter from the wall outlet and then from the power station.

REFERENCE CHARGING TIME

Approximately 5-6 hours from empty under normal room-temperature conditions. Charging slows near 100% to protect the battery.

- The adapter may become warm during normal charging; keep it uncovered and ventilated.
- Do not use a damaged adapter, cable, connector, or outlet.
- Do not charge outside the specified temperature range.

Charging with Solar



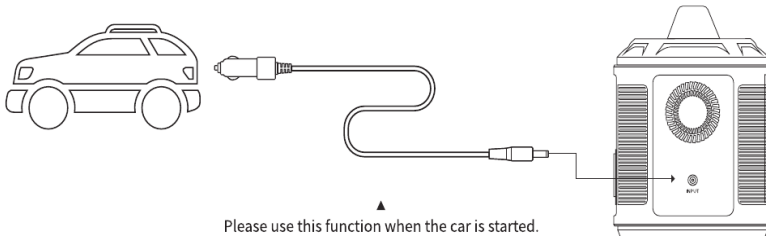
1. Use a compatible solar panel with DC 5.5-25V input and up to 4A / 60W.
2. Place the panel in direct sunlight and aim it toward the sun. Avoid partial shade.
3. Connect the correct DC plug to the power station input jack.
4. Confirm charging on the display. Reposition the panel if charging is unstable.
5. Disconnect the panel after charging or before moving the equipment.

SOLAR KIT

A 60W foldable solar panel is included only with the Solar Kit version. It is not included with every Go 300 package.

- Typical charging time with a 60W panel is about 6-10 hours in strong sunlight.
- Clouds, shade, panel temperature, sun angle, cable loss, and season can greatly affect charging.
- Input overvoltage protection may stop charging if panel voltage exceeds the supported range.

Charging from a Vehicle



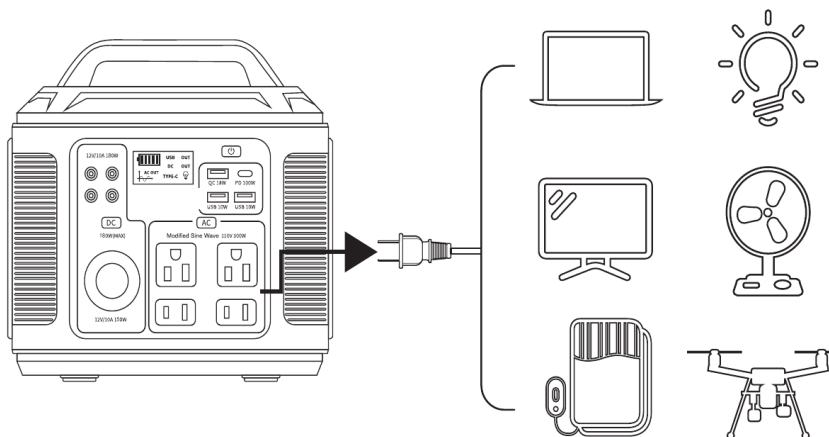
1. Start the vehicle and allow it to idle steadily before connecting the power station.
2. Connect the 12V car charging cable to the vehicle accessory socket.
3. Connect the other end to the power station input jack.
4. Confirm that charging begins on the LCD display.
5. Disconnect the power station before turning off or restarting the vehicle.

12V VEHICLES ONLY

Do not connect this charging cable to a 24V vehicle socket. Low vehicle-battery voltage or an unstable accessory socket may prevent charging.

- Reference charging time is approximately 6-8 hours with a stable 12V / 4A source.
- Do not leave the cable loose near pedals, steering controls, hot surfaces, or moving parts.
- Do not charge from a parked vehicle for long periods if it could drain the starter battery.

Using the AC Output



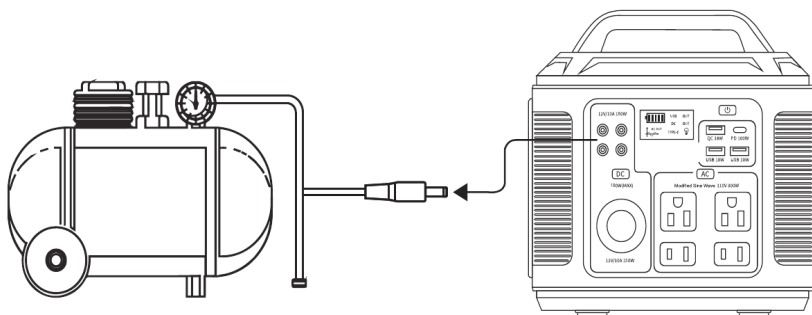
1. Press and hold the main power button for approximately 3 seconds.
2. Confirm adequate battery level, then enable AC output with the AC control button.
3. Connect only 110V / 60Hz equipment that supports modified sine wave power.
4. Keep the combined continuous load of all four outlets at or below 300W.
5. Turn off AC output and unplug equipment when finished.

AC RATING

300W continuous total across all four AC outlets. Up to 500W startup surge for about 1 second; surge capability is not a continuous rating.

- Appliances with compressors, heaters, pumps, power tools, or motors can exceed their listed wattage during startup.
- After overload or short-circuit protection, disconnect the load, turn AC output off, wait briefly, and restart.

Using the DC Outputs



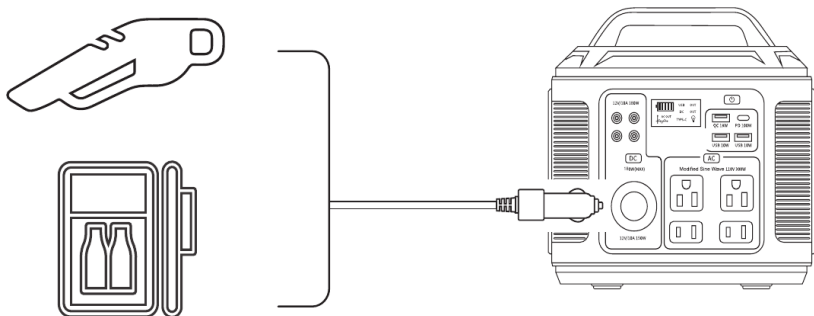
1. Turn on the power station and confirm the battery level.
2. Enable the DC output with the DC control button.
3. Connect a compatible device to one of the four DC5521 ports.
4. Check that the DC OUT indicator appears and that the load operates normally.
5. Disable DC output and disconnect the load after use.

SHARED DC LIMIT

The four DC ports and the car socket share the DC output stage. Combined current must not exceed 10A. The rating is not 10A per port. DC output follows battery voltage, approximately 12-16V.

- Verify voltage, polarity, connector size, and device compatibility before connection.
- If protection activates, remove the load and check for overload, short circuit, or reversed wiring before restarting.

Using the Car Socket Output



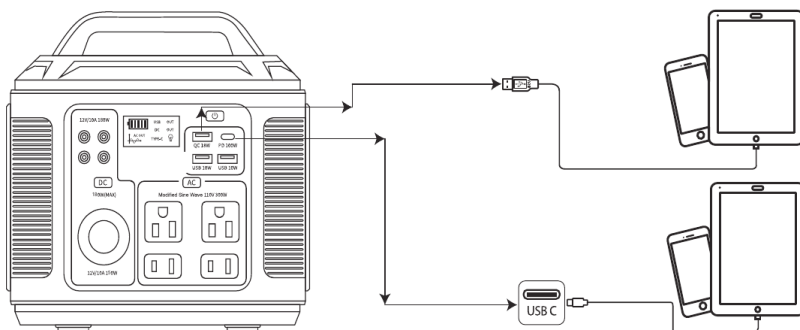
1. Turn on the power station and enable DC output.
2. Insert a compatible 12V accessory plug fully into the car socket.
3. Confirm normal operation and monitor the cable and plug for excess heat.
4. Turn off DC output before removing the accessory plug.

OUTPUT LIMIT

Car socket output is approximately 12-16V, up to 10A / 150W. It shares the 10A DC system limit with the four DC5521 ports.

- Do not use loose, corroded, deformed, or unusually hot plugs.
- High-current accessories require heavy-gauge wiring and a secure connection.
- Do not use the socket as a jump starter or connect it to another battery.

USB Outputs and LED Light



USB output ratings

- USB-C PD: 5V / 9V / 12V / 15V at up to 3A; 20V at up to 5A; 100W maximum with a compatible 5A e-marked cable.
- USB-A QC3.0: 5V / 2A, 9V / 2A, or 12V / 1.5A; 18W maximum.
- Two standard USB-A ports: 5V / 4A combined maximum.

PD / QC MUTUAL EXCLUSION

USB-C PD100W and the USB-A QC3.0 fast-charge port cannot operate at the same time. Only one may be active. When switching, disconnect the current fast-charge load, connect the other port, and allow the new device to negotiate power.

LED light

- Press and hold the LED button for approximately 3 seconds to turn the light on or off.
- Short-press to cycle through Low, Medium, High, and SOS modes.
- Do not stare directly into the light or cover it while operating.

Product Specifications

Model	PurLink Go 300
Battery	Lithium-ion battery
Capacity	296Wh, 20Ah / 14.8V (equivalent to 80,000mAh / 3.7V)
AC output	4 outlets, 110V / 60Hz modified sine wave; 300W continuous total; 500W surge for about 1 second
AC adapter input	DC 15V / 4A, 60W, DC-5521
Solar input	DC 5.5-25V / 4A, 60W maximum
Vehicle input	12V / 4A
USB-A standard	2 ports, 5V / 4A combined maximum
USB-A QC3.0	1 port: 5V / 2A, 9V / 2A, 12V / 1.5A; 18W maximum
USB-C PD	1 port: 5V / 9V / 12V / 15V up to 3A; 20V up to 5A; 100W maximum
DC5521 output	4 ports, approximately 12-16V; shared 10A system limit; up to 180W system rating
Car socket	Approximately 12-16V, up to 10A / 150W; shared with DC outputs
LED light	18W, 4 modes: Low / Medium / High / SOS
Charge time	AC: about 5-6 h; 60W solar: about 6-10 h; vehicle: about 6-8 h
Cycle life	About 500 cycles under normal use conditions
Temperature	Charging: 32-104 F (0-40 C); operation: 14-104 F (-10-40 C)
Size	215 x 150 x 205 mm
Weight	Approximately 3 kg

Specifications are nominal and may vary slightly by production batch, operating conditions, battery state, and measurement method.

Package Contents and Warranty

Standard package

- 1 x PurLink Go 300 portable power station
- 1 x AC charging adapter
- 1 x 12V vehicle charging cable
- 1 x car-socket adapter cable, if listed on the package label
- 1 x user manual

SOLAR KIT ONLY

The 60W foldable solar panel is included only when the purchased package is specifically labeled as a Solar Kit. Package contents on the carton and sales order take priority.

12-month limited warranty

PurLink provides a 12-month limited warranty from the original purchase date for defects in materials or workmanship under normal use. Proof of purchase, model, serial number, and a description of the issue may be required.

Not covered

- Damage caused by misuse, abuse, water, impact, unauthorized repair, modification, or improper storage.
- Normal wear, cosmetic damage, consumable accessories, or expected battery-capacity reduction over time.
- Damage caused by incompatible loads, incorrect voltage, reversed polarity, non-approved chargers, or exceeding rated limits.

SUPPORT

Email support@purlink.com. Include the purchase channel, order number, product model, serial number, photos or video, and a clear description of the problem. We aim to reply within 24 hours.

Troubleshooting

Issue	Checks and actions
Unit will not turn on	Charge with the supplied AC adapter. Hold the main power button for about 3 seconds. Disconnect all loads and retry.
AC device will not run	Confirm AC OUT is enabled. Check 110V / 60Hz modified-sine compatibility and startup surge. Reduce the total load below 300W.
USB fast charge unavailable	Use a compatible device and cable. PD100W and QC3.0 cannot operate together; disconnect one fast-charge port before using the other.
Charging stops or is slow	Check input voltage, cable fit, ventilation, temperature, and solar conditions. Charging normally slows near full capacity.
DC load shuts down	Check polarity, connector fit, short circuit, and shared current. The four DC ports and car socket share a 10A system limit.
Display seems inaccurate	High load can temporarily lower the displayed battery level. Remove the load, wait briefly, and check again.

Storage and battery care

- Store in a cool, dry place with all outputs off and cables disconnected.
- For long-term storage, leave the battery at a moderate charge level and recharge it periodically.
- Avoid leaving the battery fully depleted for an extended period.

NEED HELP?

If the problem continues, stop using the product and contact support@purlink.com. Do not open or repair the unit yourself.

purlink

Go 300

Portable Power Station

Customer Support

support@purlink.com

Response target: within 24 hours

FCC CE RoHS

Designed by PurLink

Made in China

Manual revision: PL-GO300-EN-US-V1.0