



Powerology

SOLUTION 30W GaN Universal Multi-Port Charger

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Table of Contents

Product Overview	2
Safety Instructions	2
Setup and Operation	4
Specifications	7
Features	8
Care and Maintenance	9
Frequently Asked Questions	9
Troubleshooting	11
Disposal	12
Warranty	12
Contact Us	13

Product Overview

The SOLUTION 30W GaN Universal Multi-Port Charger combines universal AC outlets, two USB-C ports, one USB-A port, and interchangeable plug options in a compact travel design. It supports compatible appliances and electronic devices while providing convenient power access for travel and everyday use.



Safety Instructions

Warning:

1. For indoor, dry use only; keep the charger and power cord away from water and moisture.
2. Do not use the charger if its housing, plug pins, outlets or power cord are damaged.
3. If the power cord is damaged, have it replaced by its service agent or a similarly qualified person to avoid a hazard.
4. Do not exceed the rated current or power load of the charger.
5. Do not cover the charger during use or operate it under bedding or near flammable materials.

6. Do not connect an appliance to the AC outlets unless it is compatible with the local mains voltage; this charger does not convert AC voltage.
7. Fully insert the appropriate plug into the wall outlet, and do not use loose or damaged outlets.
8. Keep children away from the charger, plug converters and AC outlets.
9. Do not modify, disassemble, or open the charger housing; servicing must be performed by qualified service personnel.
10. Do not use frayed, damaged, or incompatible USB charging cables.

Attention:

1. Make sure the local mains supply matches the charger's rated input and frequency.
2. Use the USB ports only with compatible devices and within their rated output.
3. Select and fully secure the correct plug type before connecting the charger to mains power.
4. Unplug the charger by holding the plug body, not by pulling the power cord.
5. Switch off and unplug the charger before cleaning or changing the plug configuration.
6. Keep the charger away from heat sources and store it in a cool, dry place when not in use.
7. Make sure the local mains supply is within the rated input of AC 100–240V, 50/60Hz, 10A max.



Setup and Operation

1. Selecting and Connecting the Plug

Confirm that the available power supply is within the charger's AC 100–240V input range.

Select the US, EU, AUS, or UK plug converter that matches the wall outlet.

Fit the selected plug converter securely to the power plug.

Connect the charger to the wall outlet and place it on a stable, unobstructed surface.

2. Using the AC Outlets

Check the power rating of each appliance before connection.

Ensure the combined load does not exceed 2500W at 250V or 1000W at 100V.

Connect compatible appliances to the universal AC outlets.

Press the ON/OFF power switch to enable power.

Switch the charger off before disconnecting appliances or unplugging the charger.

3. Charging Through USB-C

Connect a compatible charging cable to either USB-C port.

Connect the other end of the cable to the device.

Confirm that the device indicates charging.

For up to 30W output, use one USB-C port with a compatible device and cable.

Disconnect the device when charging is complete.

4. Charging Through USB-A

Connect a compatible cable to the USB-A port.

Connect the other end to the device.

Confirm that charging has started.

Disconnect the device and cable when charging is complete.

5. Charging Multiple Devices

Connect devices to the required USB-C and USB-A ports.

Connect AC-powered equipment only after checking its power requirement.

Turn on the charger and verify that all connected devices operate normally.

Be aware that USB output is shared when multiple USB ports are used, with a combined maximum of 15W.

Remove unnecessary devices to provide more available output to the remaining USB device.

6. Resetting Overload Protection

Switch off the charger and disconnect it from the wall outlet.

Remove all connected devices and appliances.

Check whether the connected AC load exceeded the rated limit or whether a connected device may be faulty.

Press the overload protection switch to reset it.

Reconnect the charger and test it with a lower load.

Specifications

Power	2500W @250V, 1000W @100V
Input	AC 100-240V
Rated Frequency	50/60Hz
Rated Current	10A Max
USB-C1/C2 Output	5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A, 30W Max
USB-A Output	5V/3A, 9V/2A, 12V/1.5A, 18W Max
USB-C1+C2 Output	5V/3A, 15W Max
USB-C1+A Output	5V/3A, 15W Max
USB-C2+A Output	5V/3A, 15W Max
USB-C1+C2+A Output	5V/3A, 15W Max
Power Cord Length	1.6m
Plug Converter Types	US, EU, AUS, UK
Product Material	PC+Copper
Product Weight	268.5g
Model Number	PWC01PQ3



Features

1. Interchangeable US, EU, UK, and AUS plug converters for use in more than 180 countries.
2. Three universal AC outlets support compatible appliances and electronics.
3. Two USB-C ports and one USB-A port provide multi-port charging.
4. USB-C fast charging delivers up to 30W from a single compatible port.
5. Supports compatible devices and appliances with power requirements up to 2500W at 250V or 1000W at 100V.
6. Integrated ON/OFF power switch provides convenient output control.
7. Overload protection switch helps protect the charger during excessive loads.
8. The 1.6m power cord wraps around the housing for compact cable storage.

Care and Maintenance

1. Routine Care

Switch off and unplug the charger before cleaning.

Disconnect all devices and cables.

Wipe the exterior with a soft, dry cloth.

Keep the AC outlets, USB ports, and plug contacts free from dust and debris.

Do not use liquid, abrasive, or solvent-based cleaners.

Wrap the power cord around the housing without pulling or sharply bending it.

Store the plug converters and charger together in a clean, dry location.

Inspect the cord, housing, outlets, and plug converters before each trip or extended period of use.

Frequently Asked Questions

1. Can I connect several devices at the same time?

Yes. The charger provides three universal AC outlets, two USB-C ports, and one USB-A port. Keep the connected AC load within the applicable power rating, and note that the USB ports share 15W when used together.

2. Which plug converter should I use?

Use the US, EU, AUS, or UK plug converter that physically matches the wall outlet at your location, and make sure it is attached securely before connection.

3. Why does USB charging slow down when more devices are connected?

The available USB output is shared across the ports during simultaneous charging. USB-C1, USB-C2, and USB-A combinations provide up to 15W total.

4. Can the charger operate a high-power appliance?

Only connect equipment within the stated rating of 2500W at 250V or 1000W at 100V. Certain high-power appliances exceeding 2500W are not supported.

5. What devices can be connected?

The charger supports compatible phones, tablets, cameras, razors, fans, travel devices, and other electronics that meet its input, output, and power limits.

6. What should I do if overload protection activates?

Switch off and unplug the charger, remove the connected equipment, verify the total load, press the overload protection switch, and retry with a lower load.

Troubleshooting

Problem	Likely Cause	Solution
The charger has no power	The wall outlet is inactive, the plug converter is loose, or the power switch is off	Test the wall outlet, secure the plug converter, reconnect the charger, and turn on the power switch.
An AC appliance does not operate	The appliance is not connected securely or is incompatible with the available supply	Reconnect the appliance and confirm that its voltage and power requirements are supported.
Power stops during AC use	The connected load may have activated overload protection	Switch off and unplug the charger, remove the load, reset the overload protection switch, and reconnect a lower load.
A USB device does not charge	The cable is loose, damaged, or incompatible	Reconnect both ends of the cable or test with another compatible cable.
USB charging is slower than expected	Multiple USB ports are sharing the available 15W output	Disconnect unnecessary USB devices or use a single compatible USB-C port for up to 30W output.
One USB port works but another does not	The cable, connected device, or selected port may be causing the issue	Exchange the cable and device between ports to identify the affected connection.

Problem	Likely Cause	Solution
The plug converter does not fit the outlet	The incorrect regional plug converter is installed	Disconnect the charger and fit the US, EU, AUS, or UK plug converter that matches the outlet.
The charger becomes unusually warm	The load is high, airflow is restricted, or several devices are connected	Disconnect the charger, allow it to cool, keep it unobstructed, and reconnect fewer or lower-power devices.
Power is intermittent	A plug, cable, appliance connection, or wall outlet is loose	Switch off the charger and firmly reconnect every connection; use another wall outlet if necessary.
The overload protection switch repeatedly activates	The total load is excessive or a connected appliance may be faulty	Remove all appliances, test them individually, and keep the combined load within the applicable rated power.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

Warranty

Products that you buy directly from our Powerology website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from

our Powerology website or store. If Powerology products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website www.powerology.me/warranty and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check: www.powerology.me/warranty

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