Gens ace 65W

USB-C power supply with Power Delivery support
Product designation: GEA65WAD-EU



Before first use, read this entire manual, in particular the safety instructions, and keep it for future reference.

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1. Product description

1.1 Intended use

The **Gens ace 65W USB-C power supply** is a mains power adapter with a USB-C output and support for the **USB Power Delivery (PD)** protocol. From a 100–240 V AC socket it delivers up to **65 W**. The manufacturer offers it as the power supply for the Gens ace iMars mini charger; however, you can use it with any device that has a USB-C PD power input – for example a battery charger or a soldering iron.

The power supply and the connected device negotiate the output voltage automatically via the PD protocol (5, 9, 12, 15 or 20 V). There is nothing to set up – simply plug the power supply into the socket and connect it to the powered device with a USB-C cable.



Gens ace 65W power supply with the included USB-C cable

1.2 Technical data and package contents

Product designation	GEA65WAD-EU
Input voltage	100–240 V ~ 50/60 Hz
Output connector	USB-C
Protocol	USB Power Delivery (PD)
Output voltage and current	5 V / 3 A · 9 V / 3 A · 12 V / 3 A · 15 V / 3 A · 20 V / 3.25 A
Max. output power	65 W
Mains plug	European (EU)
Package contents	1× power supply 1× USB-C cable
Not included	powered device (charger, soldering iron, etc.), batteries, adapters for other socket types

2. Safety instructions

The power supply operates at mains voltage. Failure to follow these instructions may result in electric shock, fire or damage to the power supply or the connected device.

- Only plug the power supply into a properly installed socket with an AC voltage of 100–240 V and a frequency of 50/60 Hz.
- Protect the power supply from water, moisture, condensation and dust. Do not use it in a damp environment or outdoors in the rain, and do not touch it with wet hands.
- Do not use the power supply or cable if they are visibly damaged (cracked housing, bent plug pins, torn cable insulation), or if the power supply has been dropped or liquid has entered it.
- Do not open or repair the power supply. It contains dangerous voltage and has no user-serviceable parts.
- The power supply gets warm during operation. Do not cover it, do not place it on flammable surfaces and do not use it near heat sources, in direct sunlight or in an enclosed space without air circulation.
- When charging batteries, follow the instructions of the charger and battery manufacturers. Never leave Li-Po batteries charging unattended and always charge them on a non-flammable surface.
- Always pull the power supply out of the socket by its body, never by the cable. Do not kink or pinch the cable and do not route it over sharp edges.
- The power supply is not a toy. Keep it and its cable out of the reach of children.
- If the power supply smells, smokes, makes an unusual noise or is hot to the touch, unplug it from the socket immediately and stop using it.

3. Use

3.1 Connecting the power supply

① Plug the USB-C cable into the output of the power supply.

② Plug the other end of the cable into the USB-C power input of the device to be powered.

③ Plug the power supply into a mains socket.

The power supply and the device negotiate the voltage automatically. A device that does not support the USB Power Delivery protocol receives only the basic 5 V, and its performance may then be insufficient.

The full 65 W output is available only at 20 V. At lower voltages the available power is lower – for example, at 15 V a maximum of 45 W (15 V × 3 A).

※ Use the included cable. Any other cable must be rated for USB-C PD and for a current of at least 3.25 A. An unsuitable cable may limit the power or overheat.

3.2 Powering a battery charger

The power supply is designed to power the Gens ace iMars mini charger and can also be used with other chargers that have a USB-C power input with PD support.

- First connect the power supply to the charger, and only then connect the battery.
- Set the battery type, cell count and charging current according to the charger manual and the battery manufacturer's data.
- The 65 W output of the power supply is the upper limit for the whole setup. A charger with a higher maximum power will charge with this power supply at no more than this output, reduced by the losses in the charger.
- When charging is finished, disconnect the battery first, then the power supply.

3.3 Powering a soldering iron and other devices

The power supply is also suitable for powering a soldering iron with a USB-C PD power input and other devices with this input. A device that needs more than 65 W to operate will run at reduced power or may not start at all.

- Always place a hot soldering iron in its stand and never leave it switched on unattended.
- After work, disconnect the soldering iron and let it cool down.

3.4 After use

Unplug the power supply from the socket and disconnect the cable. Coil the cable loosely, without sharp bends or kinks near the connectors.

4. Maintenance and troubleshooting

4.1 Maintenance and storage

- Clean the power supply only when it is unplugged from the socket, using a soft dry cloth. Do not use water, solvents or cleaning sprays.
- Keep the connectors clean and dry, free of dust and metal debris.
- Store the power supply and cable in a dry place, away from direct sunlight and heat sources.

4.2 Troubleshooting

Problem	Cause and solution
The device is not powered	Check that the socket is live and that the connectors are fully inserted. Try another cable rated for USB-C PD. Check that the device supports power supply via USB-C PD.
The device runs at reduced power	The device negotiated a lower voltage, the cable does not support the required current, or the device needs more than 65 W. Use the included cable and check the device's requirements.
The power keeps dropping out	Loose connector or damaged cable. In case of overheating, unplug the power supply, let it cool down and ensure air circulation.
The power supply is warm	This is normal during operation. If the power supply is hot to the touch, smells or smokes, unplug it immediately and stop using it.

5. Information for the EU and Czech Market

5.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

5.2 Disposal of electrical equipment



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

6. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 5.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.