



# ChargeIT Mini 82W USB Type-C PD Charger High w/ 24~48V DC Input



Model No. CG-PD82HVV



This High Power Single Port USB Type-C Industrial hub that complies with the latest USB-C and PD standards. Intended for use in PC power adapters, mobile chargers, car chargers and power bank applications. This charging hub provides one 82W USB Type-C PD port.

- USB Type-C PD with PD 3.0 support
- BC v1.2, Apple Charging, AFC, Qualcomm Charging 4.0, QC3.0, QC2.0, Huawei FCP/SCP
- Utilizes CCG3PA and SIC461 BUCK
- Input Voltage Range of 24 ~ 48V DC
- Extensive protection including ESD, over/under current, and short circuit protection
- Jumper will dampen input power to 65W if the source does not have ample amperage to provide power
- Compatible with screw-lock USB-C cables to keep your connections secure.
- PD Profiles: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-4.2A

Interested? [LEARN MORE →](#)

## Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

☎ [1-727-209-1300](tel:1-727-209-1300) (Local) ✉ [expert@coolgear.com](mailto:expert@coolgear.com)



**We Speak Your Speak** - When you reach out to our support, you'll find yourself in the hands of a solution-oriented, knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

**We're Ready For Integration, Every Time.** - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

**Within every great machine, lives Coolgear.** - At Coolgear, we're just as passionate about building great products as you are. That's why we aim to meet or exceed your build specs every time.,

**Advanced Engineering** - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

# PRODUCT SPECIFICATIONS

Looking for product documentation?

[View CAD Models, Data sheet and Drawings here >](#)



|             |                         |                                         |
|-------------|-------------------------|-----------------------------------------|
| Performance | ESD Protection          | 15KV Surge Protection                   |
|             | Over Current Protection | Y                                       |
|             | Over Voltage Protection | Y                                       |
| Hardware    | Charging Protocols      | AFC, BC 1.2, QC3.0, QC4.0, Apple, QC2.0 |
| Power       | Input Voltage           | +24~48V DC                              |
|             | Over Current Protection | Y                                       |
|             | Over Voltage Protection | Y                                       |
| USB         | Power Source            | 2-Pin Terminal Block                    |
|             | USB Type                | Type-C                                  |
| Compliance  | Country of Origin       | China                                   |
| Other Data  | UPC                     | 045079163751                            |
|             | Chip Model              | Cypress CCG3PA, SIC461 Buck             |
|             | Weight                  | 0.037 lbs                               |
|             | Dimensions              | 3.48 × 2.00 × 1.03 in                   |

## Ready to Buy? Let's get to work!

**Purchase order** lets set you up.

**Online with Credit card** Orders shipped same day!

\*orders placed prior to 3:30pm EST

 **1-888-688-2188 (Toll free)**

 **sales@coolgear.com**