

Technical Data Sheet Rev 05.230616

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

Model Number: CG-PD82HVV



## Features

- Input Voltage Range of 24 ~ 48V DC
- USB Type-C PD with PD 3.0
- PD Profiles: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-4.2A
- BC1.2, Apple Charging, AFC, QC 3.0, 2.0

## Package Contents

- 2-Pin Terminal Block
- Charger

## Specifications

### OVERVIEW

|                   |                |
|-------------------|----------------|
| Model No          | CG-PD82HVV     |
| Product Type      | USB Chargers   |
| Compliance        | None or N/A    |
| UPC               | 045079163751   |
| Country of Origin | China          |
| LED indicators    | None or N/A    |
| Chipset           | Cypress CCG3PA |

### PHYSICAL

|                   |                            |
|-------------------|----------------------------|
| Ship Weight (lbs) | 0.04 lbs                   |
| Ship Weight (kg)  | 0.02 kg                    |
| Item Weight       | 0.037 lbs lbs              |
| Length            | 3.48 inches                |
| Width             | 1.99 inches                |
| Height            | 1.03 inches                |
| Material          | Steel                      |
| Color             | Black                      |
| Mountable         | Surface Mount   Wall Mount |

## Specifications Cont.

### CONNECTIONS

|                             |                              |
|-----------------------------|------------------------------|
| USB Specification           | Charging Only                |
| Maximum Data Rate           | N/A                          |
| Downstream Port Count       | 1                            |
| Downstream Port Type        | 1x Type C (Charging)         |
| Works as Standalone Charger | Y - Can be used without Host |
| Can be Bus Powered          | N - External Power Required  |

### Power

|                                      |                                                                     |
|--------------------------------------|---------------------------------------------------------------------|
| Input Voltage                        | 24~48V DC                                                           |
| Min Input Voltage                    | 22v                                                                 |
| Max Input Voltage<br>(DO NOT EXCEED) | 55v                                                                 |
| Power Connector                      | Phoenix 2-pin                                                       |
| Idle Power Draw                      | 6 mA @ 24v Terminal Power                                           |
| Max Power Draw                       | 82w                                                                 |
| Max Per Port Draw                    | 4.2A @ 20V (82W) w/ eMarker cable, 3A @ 20V (60w) w/ Standard Cable |
| Supported Charge Protocols           | Apple Charge 2.4A   BC 1.2   DCP   PD   QC 3.0 / 2.0                |

### ENVIRONMENTAL

|                       |              |
|-----------------------|--------------|
| Operating Temperature | 0C ~ 55C     |
| Storage Temperature   | -20C ~ 75C   |
| Operating Humidity    | 5% to 95% RH |

### OS SUPPORT

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| Supported Operating Systems | OS independent - No software or drivers required |
|-----------------------------|--------------------------------------------------|

### WARRANTY

|                 |        |
|-----------------|--------|
| Warranty Period | 1 Year |
|-----------------|--------|

### PRODUCT URL

|                        |                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CG-PD82HV Product Page | <a href="https://www.coolgear.com/product/chargeit-mini-82w-usb-type-c-pd-charger-high-w-2448v-dc-input">https://www.coolgear.com/product/chargeit-mini-82w-usb-type-c-pd-charger-high-w-2448v-dc-input</a> |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|