

Technical Data Sheet Rev 05.230320

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

Model Number: CG-PDHV82W-PCBA



## Features

- USB Type-C PD with PD 3.0 support
- Input Voltage Range of 24 ~ 48V DC
- 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
- Hub - Board Only

## Specifications

### OVERVIEW

Model No	CG-PDHV82W-PCBA
Product Type	USB Chargers
Compliance	None or N/A
UPC	045079163782
Country of Origin	China
LED indicators	Port Status   Power
Chipset	Cypress CCG3PA

### PHYSICAL

Ship Weight (lbs)	0.04 lbs
Ship Weight (kg)	0.02 kg
Item Weight	0.0375 lbs
Length	1.93 inches
Width	1.78 inches
Height	0.52 inches
Material	FR-4 Glass Fiber
Color	Black
Mountable	Bare PCB

## 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 (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
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### WARRANTY

Warranty Period	1 Year
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### PRODUCT URL

CG-PDHV82W-PCBA Product Page	<a href="https://www.coolgear.com/product/chargeit-mini-82w-usb-type-c-pd-charger-pcba-w-2448v-dc-input">https://www.coolgear.com/product/chargeit-mini-82w-usb-type-c-pd-charger-pcba-w-2448v-dc-input</a>
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