

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	https://www.coolgear.com/product/chargeit-mini-82w-usb-type-c-pd-charger-pcba-w-2448v-dc-input
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