

Technical Data Sheet Rev 06-260204

ChargeIT Mini 82W USB Type-C High Power PD Charger w/ EU, FCC, TCSA Compliance

Model Number: CG-PD82HVV



Features

- Delivers up to 82W via USB Type-C Power Delivery (PD) 3.0, enabling rapid charging for laptops, tablets, and other compatible devices
- Operates seamlessly with DC input voltages from 24V to 48V, offering versatility across different power sources
- Supports BC v1.2, Apple Charging, AFC, QC 4.0/3.0/2.0, and Huawei FCP/SCP, ensuring broad compatibility
- PD Profiles: 5V-3A, 9V-3A, 12V-3A, 15V-3A, 20V-4.2A
- Perfect for PC power adapters, solar panels, mobile chargers, car chargers, and power bank setups, supporting diverse use cases

Package Contents

- 2-Pin Terminal Block
- Charger

Specifications

OVERVIEW

Model No	CG-PD82HVV	Product Type	USB Chargers
Compliance	CE FCC IEC POPS REACH RoHS TSCA	UPC	045079163751
Country of Origin	China	LED indicators	None or N/A
Chipset	Cypress CCG3PA	Electrical Protections	N/A

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	N/A	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	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

Product Page	https://www.coolgear.com/product/chargeit-mini-82w-usb-type-c-pd-charger-high-w-2448v-dc-input
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USB CHARGING & CONNECTIVITY EXPERTS



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