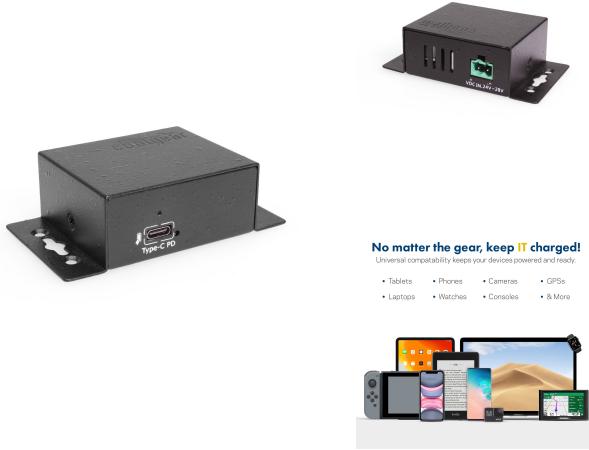


Technical Data Sheet Rev 06-260204

# 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

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

### PHYSICAL

<b>Ship Weight (lbs)</b>	0.04 lbs	<b>Ship Weight (kg)</b>	0.02 kg
<b>Item Weight</b>	0.037 lbs lbs	<b>Length</b>	3.48 inches
<b>Width</b>	1.99 inches	<b>Height</b>	1.03 inches
<b>Material</b>	N/A	<b>Color</b>	Black
<b>Mountable</b>	Surface Mount   Wall Mount		

## Specifications Cont.

### CONNECTIONS

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

### POWER

<b>Input Voltage</b>	24~48V DC
<b>Min Input Voltage</b>	22v
<b>Max Input Voltage</b>	55v
<b>Power Connector</b>	Phoenix 2-pin
<b>Idle Power Draw</b>	6 mA @ 24v Terminal Power
<b>Max Power Draw</b>	82w
<b>Max Per Port Draw</b>	4.2A @ 20V (82W) w/ eMarker cable, 3A @ 20V (60w) w/ Standard Cable
<b>Supported Charge Protocols</b>	Apple Charge 2.4A   BC 1.2   DCP   PD   QC 3.0 / 2.0

### ENVIRONMENTAL

<b>Operating Temperature</b>	0C ~ 55C
<b>Storage Temperature</b>	-20C ~ 75C
<b>Operating Humidity</b>	5% to 95% RH

### OS SUPPORT

<b>Supported Operating Systems</b>	OS independent - No software or drivers required
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### WARRANTY

<b>Warranty Period</b>	1 Year
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### PRODUCT URL

<b>Product Page</b>	<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>
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USB CHARGING & CONNECTIVITY EXPERTS

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