Coolgear, Inc.
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Clearwater, FL 33760 USA
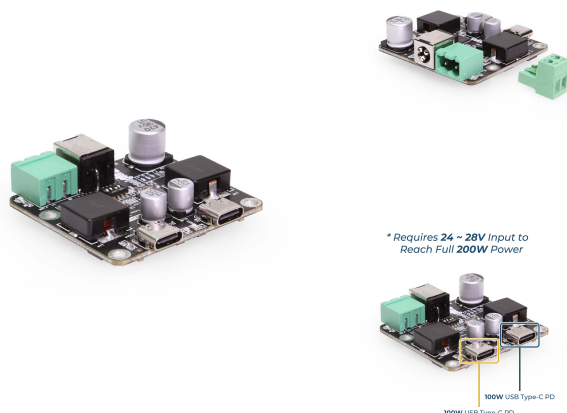
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Technical Data Sheet Rev 06-250610

ChargeIt! Mini 200W Dual Type-C PD Charger PCBA 100W Output

Model Number: **CG-PD200DS-PCBA**

*Requires **24 ~ 28V** Input to Reach Full **200W** Power*

100W USB Type-C PD
100W USB Type-C PD

Features

- Charge 2 laptops, tablets, phones, or other USB-charged in charge mode devices, while the built in PD chipset dynamically detects devices to deliver optimum power level for maximum battery life and performance.
- Provides up to 200W of combined charging.
- Programmable power supply capability allows for small step-wise changes in voltage, current, and for constant current charging (with gradual voltage increase), followed by constant voltage charging (with gradual current reduction).
- Charge 2 laptops, tablets, phones, or other devices simultaneously
- Support 5V/9V/12V/15V/20V output

Package Contents

- 2-Pin Terminal Block
- Charger - Board Only

Specifications

PRODUCT TERMS

Product Terms	NOTICE: Coolgear strongly recommends purchasing one to two (1–2) units for initial evaluation. This product is intended for integration, evaluation, and testing purposes only, to assess its suitability and identify potential modifications for a specific use case. It is not designed for single-use scenarios. Before integrating this product into your project or placing a large-quantity order, please contact Coolgear to discuss your project requirements. For more details, refer to the Development Product Terms below.
Product Terms URL	https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf

OVERVIEW

Model No	CG-PD200DS-PCBA	Product Type	OEM Boards
UPC	045079163874	Country of Origin	China
LED indicators	Port Status | Power	Chipset	IP6559
Electrical Protections	4KV		

PHYSICAL

Ship Weight (lbs)	0.04 lbs	Ship Weight (kg)	0.02 kg
Item Weight	0.037 lbs	Length	2.75 inches
Width	2.00 inches	Height	0.50 inches

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Specifications Cont.

CONNECTIONS

USB Specification	Charging Only
Upstream Port Type	Type C
Maximum Data Rate	N/A
Downstream Port Count	2
Downstream Port Type	2x Type C (Charging)
Works as Standalone Charger	Y - Can be used without Host
Can be Bus Powered	N - External Power Required

POWER

Input Voltage	24V DC
Min Input Voltage	20v
Max Input Voltage	30v
Power Connector	Phoenix 2-pin
Idle Power Draw	19mA @ 24v Terminal
Max Power Draw	200W
Max Per Port Draw	100W
Supported Charge Protocols	Apple Charge 2.4A | BC 1.2 | DCP | PD | PPS | QC 4.0 / 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

Product Page	https://www.coolgear.com/product/chargeit-mini-200w-dual-type-c-pd-charger-pcba-100w-output

USB CHARGING & CONNECTIVITY EXPERTS

We Speak Your Speak

When you reach out to Coolgear support, you'll find yourself in the hands of a solution-oriented and knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

Visit Support