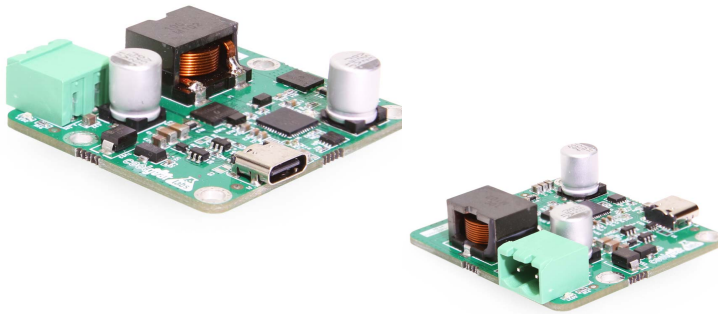


Technical Data Sheet Rev 06-250613

ChargeIT! 65 Watt USB Type C Charging Board w/ PPS Charging Support

Model Number: CG-PDC65W-PCBA



Features

USB type C 65-Watt Capable with PPS Buck-Boost with variable 9-24V input
Support 5V/9V/12V/15V/20V output
PD Voltage Profiles: 5V-3A / 9V-3A / 12V -3A / 15V - 3A/ 20V -3.25A
Supports PD3.0(PPS) protocol
Programmable Power Supply PDOs supported

Package Contents

Hub - 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-PDC65W-PCBA	Product Type	USB Chargers
UPC	045079163607	Country of Origin	China
LED indicators	None or N/A	Chipset	IP6559
Electrical Protections	N/A		

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

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	12 ~ 24V DC
Min Input Voltage	9V DC
Max Input Voltage	28V DC
Power Connector	Phoenix 2-pin
Idle Power Draw	5 mA @ 12V Terminal Power
Max Power Draw	65W
Max Per Port Draw	65W
Supported Charge Protocols	BC 1.2 PD PPS QC 4.0 / 3.0 / 2.0
Charging Details	5V-3A 9V-3A 12V-3A 15V-3A 20V-3.25A

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-65-watt-usb-type-c-charging-board-w-pps-charging-support
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USB CHARGING & CONNECTIVITY EXPERTS

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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.

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