

Technical Data Sheet Rev 05.220909

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

OVERVIEW

Model No	CG-PDC65W-PCBA
Product Type	USB Chargers
Compliance	None or N/A
UPC	045079163607
Country of Origin	China
LED indicators	None or N/A
Chipset	IP6559

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	N/A
Color	Green
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	12 ~ 24V DC
Min Input Voltage	9V DC
Max Input Voltage (DO NOT EXCEED)	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

ENVIRONMENTAL

Operating Temperature	0C ~ 60C
Storage Temperature	-20C ~ 70C
Operating Humidity	15 ~ 85% 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-PDC65W-PCBA Product Page	https://www.coolgear.com/product/chargeit-65-watt-usb-type-c-charging-board-w-pps-charging-support
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