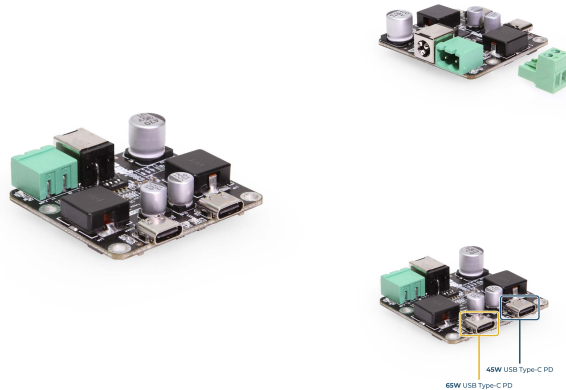


Technical Data Sheet Rev 06-250609

# Chargelt! Mini 110W Dual Type-C PD Charger PCBA 65W USB-C Port & 45W USB-C Port

Model Number: CG-PD110DS-PCBA



## Features

- Charge 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 110W 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).
- Downstream: 2 USB Type-C PD Ports

## Package Contents

- 2-Pin Terminal Block
- Charger - Board Only

## Specifications

### PRODUCT TERMS

<b>Product Terms</b>	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.
<b>Product Terms URL</b>	<a href="https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf">https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf</a>

### OVERVIEW

<b>Model No</b>	CG-PD110DS-PCBA	<b>Product Type</b>	USB Charger
<b>UPC</b>	045079163881	<b>Country of Origin</b>	China
<b>LED indicators</b>	Port Status   Power	<b>Chipset</b>	IP6559
<b>Electrical Protections</b>	N/A		

### PHYSICAL

<b>Ship Weight (lbs)</b>	0.04 lbs	<b>Ship Weight (kg)</b>	0.02 kg
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## Specifications Cont.

### CONNECTIONS

USB Specification	Charging Only
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	12 ~ 24V DC
Min Input Voltage	11.6v
Max Input Voltage	28v
Power Connector	Phoenix 2-pin
Idle Power Draw	17mA @ 12v Terminal
Max Power Draw	110W
Max Per Port Draw	Left: 65W   Right: 45W
Supported Charge Protocols	Apple Charge 2.4A   BC 1.2   DCP   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
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### WARRANTY

Warranty Period	1 Year
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### PRODUCT URL

Product Page	<a href="https://www.coolgear.com/product/chargeit-mini-110w-dual-type-c-pd-charger-pcba-65w-usb-c-port-45w-usb-c-port">https://www.coolgear.com/product/chargeit-mini-110w-dual-type-c-pd-charger-pcba-65w-usb-c-port-45w-usb-c-port</a>
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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.

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