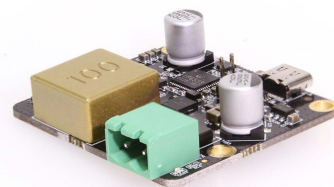
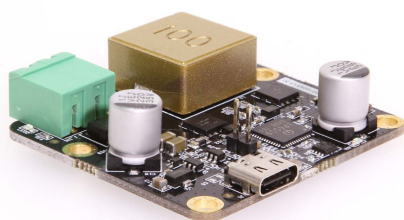




ChargeIT! 100 Watt USB Type C Charging Board



Model No. CG-PDC100W-PCBA



This High Power Single Port USB Type-C Industrial PCBA that complies with the latest USB-C and PD standards. Intended for use in PC power adapters, mobile chargers, car chargers and power bank applications. This charging board provides one 100W USB Type-C PD port.

- USB Type-C PD with PD 2.0 & 3.0 support
- BC v1.2, Apple Charging, Qualcomm Charging 4.0, Huawei FCP/SCP
- Extensive protection including ESD, over/under current, and short circuit protection
- Jumper will dampen input power to 65W if the source does not have ample amperage to provide power

Interested? [LEARN MORE →](#)



Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

☎ [1-727-209-1300](tel:1-727-209-1300) (Local) ✉ expert@coolgear.com



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

We're Ready For Integration, Every Time. - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

Within every great machine, lives Coolgear. - At Coolgear, we're just as passionate about building great products as you are. That's why we aim to meet or exceed your build specs every time.,

Advanced Engineering - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

PRODUCT SPECIFICATIONS

Looking for product documentation?

[View CAD Models, Data sheet and Drawings here >](#)




Performance	ESD Protection	15KV Surge Protection
	Over Current Protection	Y
	Over Voltage Protection	Y
Hardware	Charging Protocols	AFC, Apple 2.4A, BC 1.2, Dedicated Charging Port (DCP), FCP, QC3.0, QC4.0, SCP, VOOC
Product Information	Warranty	1 year from date of purchase
Power	Input Voltage	+12~24V DC
	Over Current Protection	Y
	Over Voltage Protection	Y
	Power Source	2-Pin Terminal Block
PD Profile Support	Voltage Profiles	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A, 20V/5A
USB	USB Type	Type-C
Mechanical	Item Dimensions (L x W x H)	1.93 x 1.78 x 0.52 in.
	Item Weight	0.056 lbs.
Compliance	Country of Origin	China
	UPC	045079163591
Other Data	Weight	0.037 lbs
	Dimensions	2.75 x 2.00 x 0.50 in

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*orders placed prior to 3:30pm EST

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