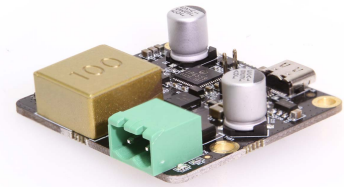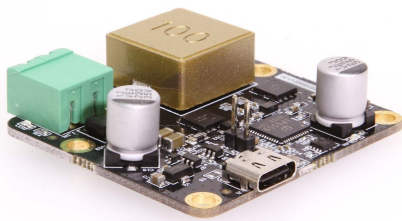# ChargeIT! 100 Watt USB Type C Charging Board

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, Huaiwei FCP/SCP
- Extensive protection including ESD, over/under current, and short circuit protection

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** (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

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

Ready to Buy? Let's get to work!

Purchase order lets set you up.

Online with Credit card Orders shipped same day!

*orders placed prior to 3:30pm EST

📞 **1-888-688-2188 (Toll free)**

✉ **sales@coolgear.com**