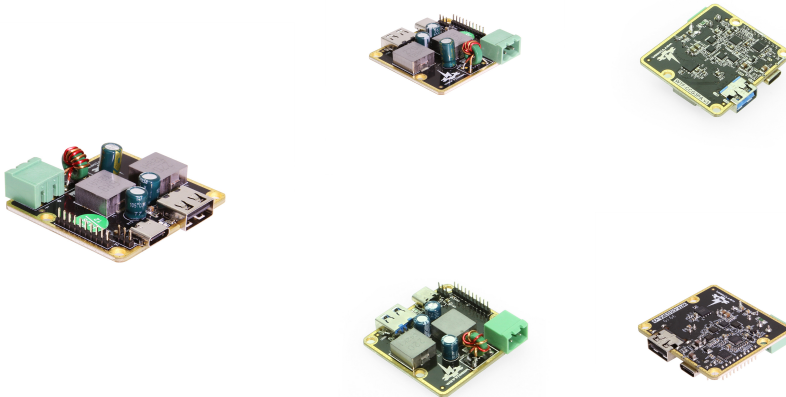


Technical Data Sheet Rev 06-250610

# USB-C High Power Car Charger Board 60W PCB Only

## Cypress CCG3PA PPS Support

Model Number: CGL-CCG3PAv3



### Features

- Dual USB Port High Power Industrial Charger PCB
- USB-A with Quick Charge 3.0 technology
- 60 Watt Max Power Delivery through the Type C port (5V 3A, 7V 2.5A, 9V 3A, 12V 3A, 15V 3A, 20V 2.99A)
- 18 Watts USB-A charging supports (12V 1.5A, 9V 2A, 6V 3A) profiles.
- Built-in PD Chip set dynamically detects devices to deliver optimum power level.

### Package Contents

- 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>	CGL-CCG3PAv3	<b>Product Type</b>	USB Chargers
<b>UPC</b>	045079161375	<b>Country of Origin</b>	China
<b>LED indicators</b>	None or N/A	<b>Chipset</b>	Cypress CCG3PA
<b>Electrical Protections</b>	N/A		

#### PHYSICAL

<b>Ship Weight (lbs)</b>	0.04 lbs	<b>Ship Weight (kg)</b>	0.02 kg
<b>Length</b>	1.93 inches	<b>Width</b>	1.77 inches
<b>Height</b>	0.47 inches		

## Specifications Cont.

### CONNECTIONS

USB Specification	Charging Only
Maximum Data Rate	N/A
Downstream Port Count	2
Downstream Port Type	1x Type A (Charging)   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
Idle Power Draw	5 mA @ 12V Terminal Power
Max Power Draw	75W
Max Per Port Draw	60W (Type-C) 15W (Type-A)
Supported Charge Protocols	DCP   PD   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/usb-car-charger-board-60w-high-power-pcb-ccg3pa">https://www.coolgear.com/product/usb-car-charger-board-60w-high-power-pcb-ccg3pa</a>
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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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