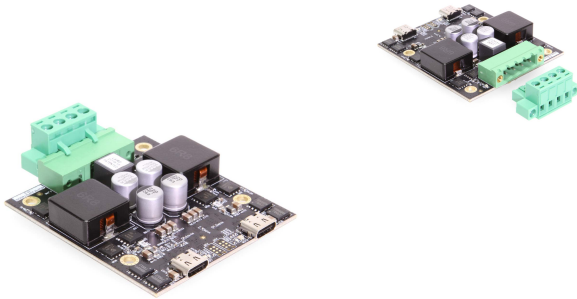


Technical Data Sheet Rev 06-240822

# 280W Dual USB Type-C PD Charger PCBA w/ 140W Per Port & EPR Support

Model Number: CG-2xPD140UM-PCBA



## Features

- 280W USB PD3.1 Dual Port Type C EPR 28V capable Buck-boost DC adapter. 140W Power Delivery output per port.
- Supports most PD protocols including PD3.1, PPS, QC4.0+, BC1.2, etc.
- Comprehensive system protections such as OVP, OCP, SCP, and open loop.
- With Introduction of Extended Power Range "EPR" USB Power Delivery this super compact 12~24V DC Input 280W USB C Power Adapter offers the fastest possible charging speed for your USB Type-C devices.
- Note: USB-C EPR required for 140W PD output per port is NOT included.

## Package Contents

- Hub - Board Only

## Specifications

### OVERVIEW

|                        |                   |
|------------------------|-------------------|
| Model No               | CG-2xPD140UM-PCBA |
| Product Type           | OEM Boards        |
| Compliance             | None or N/A       |
| UPC                    | 045079164420      |
| Country of Origin      | China             |
| LED indicators         | None or N/A       |
| Chipset                | UM3506-BPQH       |
| Electrical Protections | 15KV              |

### PHYSICAL

|                   |             |
|-------------------|-------------|
| Ship Weight (lbs) | 0.41 lbs    |
| Ship Weight (kg)  | 0.19 kg     |
| Item Weight       | 0.32 lbs    |
| Length            | 3.74 inches |
| Width             | 2.75 inches |
| Height            | 1.00 inches |
| Material          | N/A         |
| Color             | Black       |
| Mountable         | Bare PCB    |

**Specifications Cont.**

**CONNECTIONS**

|                             |                              |
|-----------------------------|------------------------------|
| 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   |
| Supported Charge Protocols | AFC   Apple Charge 2.4A   BC 1.2   DCP   FCP   QC 3.0 / 2.0   QC 4.0 / 3.0 / 2.0   SCP   VOOC |

**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 |
|-----------------------------|--|

**WARRANTY**

|                 |        |
|-----------------|--------|
| Warranty Period | 1 Year |
|-----------------|--------|

**PRODUCT URL**

|              |   |
|--------------|---|
| Product Page | <a href="https://www.coolgear.com/product/280w-dual-usb-type-c-pd-charger-pcba-w-140w-per-port-epr-support">https://www.coolgear.com/product/280w-dual-usb-type-c-pd-charger-pcba-w-140w-per-port-epr-support</a> |
|--------------|---|

**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.

[Visit Support](#)