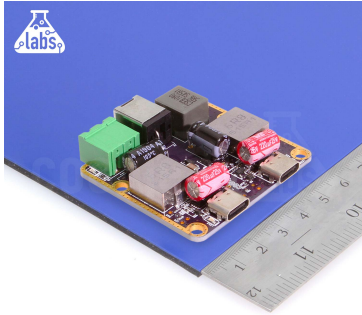


Technical Data Sheet Rev 06-241001

# DEV Product | 2-Port 120W USB-C PD Charger w/ MPQ Chipset

Model Number: WTF-MPQ35V201-DEV



## Features

- PD 3.0 with PPS and Legacy Charging BC 1.2, QC (2.0, 3.0, 4.0+), Apple Charging, Samsung AFC.
- 60W of charging power per port for a total output power of 120W
- Programmable output power sharing & maximum input power
- Integrated OCP/OVP/OTP/SCP
- PD profiles can be custom programmed up to 150 Watts total output

## Package Contents

- 2-Pin Terminal Block
- Charger - Board Only

## Specifications

### PRODUCT TERMS

Product Terms	**NOTICE: This product is currently under development and is only available for purchase in limited quantities to ensure availability for all customers wishing to evaluate the product. Development products are intended for evaluation and testing purposes only and are not meant to be treated as full, finished products. Designs may change at any time. For more information please refer to the Development Product Terms below.
Product Terms URL	<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

Model No	WTF-MPQ35V201-DEV
Product Type	OEM Boards
LED indicators	None or N/A
Electrical Protections	N/A

### PHYSICAL

Ship Weight (lbs)	0.06 lbs
Ship Weight (kg)	0.03 kg
Item Weight	0.056 lbs
Length	1.93 inches
Width	1.78 inches
Height	0.52 inches

## Specifications Cont.

### CONNECTIONS

Downstream Port Count	2
Downstream Port Type	2x Type C (Charging)

### POWER

Input Voltage	12 ~ 24V DC
Power Connector	Phoenix 2-pin
Supported Charge Protocols	Apple Charge 2.4A   BC 1.2   PD   PPS   QC 4.0 / 3.0 / 2.0

### ENVIRONMENTAL

Operating Temperature	0C ~ 60C
Storage Temperature	-20C ~ 70C
Operating Humidity	15 ~ 85% RH

### OS SUPPORT

### WARRANTY

### PRODUCT URL

Product Page	<a href="https://www.coolgear.com/product/dev-product-2-port-120w-usb-c-pd-charger-w-mpq-chipset">https://www.coolgear.com/product/dev-product-2-port-120w-usb-c-pd-charger-w-mpq-chipset</a>
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