

Technical Data Sheet Rev 06-250919

120W USB-C 3.2 Gen 1 PD 3.0 Signal Re-Driver & Amplifier

Model Number: CG-CSPD60W2-NH



Features

- High Power Support: Delivers up to 60W to the host device and 60W to the connected device with PD 3.0, enabling robust power and data transfer.
- Reliable Signal Amplification: Maintains data integrity over extended cable lengths of up to 10 meters (33 feet).
- Host-Invisible Design: Recognized directly by the host system, allowing seamless device integration without additional targeting.
- Low-Latency Operation: Optimized for real-time applications like VR headsets, ensuring smooth data flow with minimal delay.
- Flexible Power Input: Operates on 9-24V DC, providing compatibility with diverse power sources for industrial versatility.

Package Contents

- 2-Pin Terminal Block
- Charger
- Screw Lock USB Cable

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	https://www.coolgear.com/wp-content/uploads/2023/10/Coolgear_DEV_Product_Terms.pdf

OVERVIEW

Model No	CG-CSPD60W2-NH	Product Type	USB Charger
UPC	045079164871	Country of Origin	China
LED indicators	None or N/A	Chipset	CYPD3175-C
Electrical Protections	N/A		

PHYSICAL

Ship Weight (lbs)	0.5 lbs	Ship Weight (kg)	0.23 kg
Item Weight	0.29 lbs	Length	3.5 inches
Width	2 inches	Height	1 inches

Specifications Cont.

CONNECTIONS

USB Specification	USB 3.2 Gen 1
Upstream Port Type	USB 3.2G1 / 3.0 Type-C Female
Maximum Data Rate	5 Gbps
Downstream Port Count	1
Downstream Port Type	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	9 ~ 24V DC
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OS SUPPORT

Supported Operating Systems	Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7 Windows Vista Windows XP
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WARRANTY

Warranty Period	1 Year
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PRODUCT URL

Product Page	https://www.coolgear.com/product/120w-usb-c-pd-3-0-signal-re-driver-amplifier
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