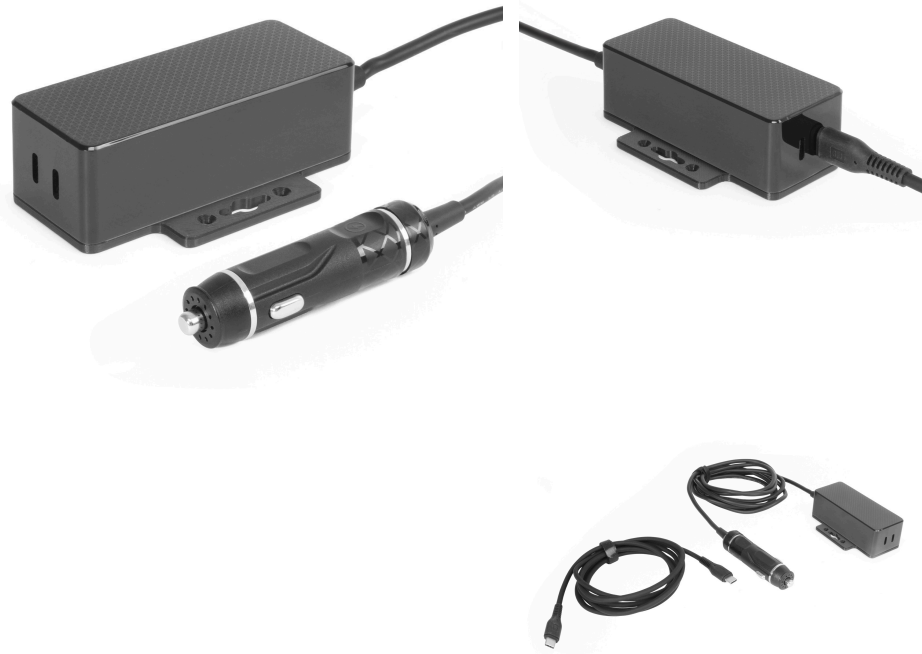


Technical Data Sheet Rev 05-260505

145W Dual USB-C PD 3.1 Vehicle Charger with Mountable Flanges

Model Number: CG-C145C-145W



Features

- **Dual-Port USB-C Power Delivery 3.1:** Equipped with two USB-C ports, each capable of delivering up to 140W individually (28V = 5A) for fast, high-wattage device charging.
- **Total Output of 145W:** Simultaneously supports 100W on C1 and 45W on C2 when both ports are in use, ideal for charging a laptop and a tablet or phone at the same time.
- **Wide Voltage Input:** Accepts 12V–24V DC input (rated 15A max), with extended support from 9V to 32V DC range, ideal for use in commercial trucks, heavy-duty vehicles, or field equipment.
- **Protection Circuitry:** Includes Over Current Protection (OCP), Short Circuit Protection (SCP), and Thermal Protection (OTP), each requiring re-insertion for reset—ensuring system safety and reliability.
- **Mounting Ready:** Built-in surface mounting flanges offer flexible installation options in vehicles, server trays, or fixed chassis environments.

Package Contents

- Charger
- USB Cable

OVERVIEW	
SKU	CG-C145C-145W
UPC	045079165243
Country of Origin	China
Manufacturer	Coolgear
Warranty	One Year
Certifications	CE, FCC, PSE, RoHS, UKCA
Product URL	https://www.coolgear.com/product/145w-dual-usb-c-pd-3-1-vehicle-charger-with-mountable-flanges



PHYSICAL	
Item Dimensions (Inches) (LxWxH)	3.6 x 1.5 x 1.1 in.
Package Dimensions (Inches) (LxWxH)	4.1 x 6.2 x 1.9 in.
Item Weight (Pounds)	0.56 lb.
Package Weight (Pounds)	0.79 lb.
Color	Black
Material of Construction	Plastic
Mounting Style	Surface Mount

TECHNICAL DATA	
PACKAGE CONTENTS	
Cable Included?	Yes
Included Cable Length (Inches / Feet)	72 in. / 6 ft.
Included Cable Type	USB Type C to Type C (Charging) Cable
CONNECTIONS	
USB Specification	Charging Only
Downstream Port Type Combined	2x Type C (Charging)
Screw Lock Compatible	No
POWER	
Works as Standalone Charger (Does Not Require Host)	Y - Can be used without Host
Power Input Connector Type	Cigarette Lighter Plug
Input Voltage Range (V DC)	12 ~ 24V DC
Power Delivery Support	Yes
USB PD Profiles	5V / 3A (15W), 9V / 3A (27W), 12V / 3A (36W), 15V / 3A (45W), 20V / 5A (100W), 28V / 5A (140W) (EPR)
Maximum Per Port Draw	140W / Port, 145W Maximum Total Output (100W C1, 45W C2)
Maximum Power (Watts)	145W
Charging Protocols	BC 1.2, PD, QC2.0, QC3.0, QC4.0, Samsung
Charging Downstream Port (CDP) Support	No
Dedicated Charging Port (DCP) Support	Yes
Over Current Protection	Yes
ENVIRONMENTAL	
Operating Temperature	-10 ~ 40C

TECHNICAL DATA	
Storage Temperature	-20 ~ 75C
Humidity	5% to 95% RH
OS / SOFTWARE	
OS Compatibility	OS independent - No software or drivers required

USB CHARGING & CONNECTIVITY EXPERTS

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