

USB-C DC100

DC Powered USB-C Converter with 100W Output Power



WirelessKable Inc.

Proudly Made in CANADA with domestic and imported parts

Document Revision: B

SPECIFICATIONS

Input Voltage	24 – 32 VDC 22 – 30 VAC 380 - 800Hz (Low Voltage AC)
Input Current	3.9A @ 28VDC for 100W power output 1A @ 26VAC for 20W power output Efficiency 90% Typical
Output Voltage	5 VDC, 9 VDC, 12 VDC , 15 VDC, 20 VDC
Output Current	5.0 A for each output voltage up to 5 power data objects (PDO)
USB Connector	USB type C
Weight	0.088 lb (40 g)
Dimensions	Faceplate 1.47" W / 1.47" L / 0.075" H Cut-out 1.35" W / 1.35" L Product 1.47" W / 1.47" L / 2.76" H
Mounting	Front with Spring Clips
Certification	RTCA DO-160G Compliance with EN50155 Design as per USB PD rev 2.0
Applications	Aerospace, Railways, Automotive, Military
Appearance	Standard - Gray Anodized Optional plating on demand
Protections	Output overcurrent, Output short-circuit, Over-temperature
MTBF	300,000 Hours

ORDERING INFORMATION

Part Number	551-5107-001
Description	USB-C DC100
Part Number	551-5107-001-LVAC
Description	USB-C LVAC20 Low Voltage AC



DESCRIPTION

High-efficiency DC to DC power converter with Low Voltage AC Input capability.

USB-C output with 5 Power Distribution (PD) programmable profiles.

FEATURES

- High-efficiency power converter
- A very small footprint
- 5 Programmable Power Distribution Profiles (can reduce the power output to desired values)
- Platable Faceplate
- Cost-effective solution
- Can provide power and charging to Smart Phones, Tablets and Laptops, up to 100W
- Customizable Power Distribution profiles to reduce the maximum power to 80W, 60W or 45W