

USB-C AC100

AC Powered USB-C Converter with 100W Output Power



WirelessKable Inc.

Proudly Made in CANADA with domestic and imported parts

Document Revision: C

SPECIFICATIONS

Input Voltage	85 – 264 VAC wild frequency 50 – 800 Hz
Input Current	1.0A @ 115 VAC Efficiency 82% Typical
Output Voltage	5 VDC, 9 VDC, 12 VDC , 15 VDC, 20 VDC
Output Current	5.0 A for each output profile up to 5 power data objects (PDO)
USB Connector	USB type C
Weight	0.88 lb (400 g)
Dimensions	Product 3.22" W / 3.0" L / 1.67" H
Mounting	Flange
Certification	RTCA DO-160G Compliance with EN50155 Design as per USB PD rev 2.0
Applications	Aerospace, Railways, Automotive, Military
Appearance	Standard - Gray Anodized
Protections	Output overcurrent, Output short-circuit, Over-temperature Reinforced double I/O isolation according to medical safety standards
Installation	Mode 1 - One Phase with Null Mode 3 - Three Phase (no Null) Daisy Chain Connectivity (Mode 1 or 3)
Used With	551-5407-001 - USB-C Cable 551-5507-001 - USB-C Faceplate 551-5607-001 - USB-C to HDMI Converter
MTBF	300,000 Hours

ORDERING INFORMATION

Part Number	551-5307-001
Description	USB-C AC100 Mode 1
Part Number	551-5307-003
Description	USB-C AC100 Mode 3



DESCRIPTION

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability.

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

FEATURES

- One or three Phase power input
- Daisy-chain installation (reduced cost of installation)
- 5 Programmable Power Distribution Profiles (can reduce the power output to desired values)
- Power effective solution
- Cost-effective solution