

Q45-Wall Mount Type

USB-C PD Power Adapter



UL, TUVGS, CE, CB, FCC, RCM, PSE

100-240VAC Universal Input
Meet CEC, Energy Star 3.0 (EPA/DOE—Level VI)
UK/EU/US/AU interchangeable AC plugs
3 Years Warranty

Q45 Type-C	O/P Voltage	O/P Current	Watt	O/P Voltage	O/P Current	Watt
	5.0V	2A	10W	15.0V	3A	45W
	9.0V	2A	18W	20.0V	2.25A	45W
	12.0V	2A	24W			

INPUT CHARACTERISTICS

Rated Input Voltage	100-240V AC
Rated Frequency	50/60Hz
Steady AC Current	1.1A(Max) Measured at 100Vac input
Inrush Current	Less than 100A
Empty Loaded Wasting	75mW at 5V output

OUTPUT CHARACTERISTICS

Power	45W MAX
Load Regulation	±5%
Turn on delay time	3s Max at AC 115V, Max output load
Hold up time	5ms Min at AC 115V, Max output load
Rise up time	40ms Max at AC 115V, Max output load
Efficiency	Meet CEC,Energy Star 3.0 (EPA/DOE—Level VI)

SAFETY STANDARDS

LVD ----- UL62368-1/UL60950-1
IEC62368-1/IEC60950-1 EN62368-1

EMC & EMI ----- EN55032 EN55024 EN61000-3-2
EN61000-3-3

PROTECTION

Over Voltage Protection	-----	Auto Recovery
Short Circuit Protection	-----	Auto Recovery
Over Current Protection	-----	Auto Recovery
Protection Class	-----	Class II

RELIABILITY ITEMS

Hi-Pot Test ----- AC 3000V1min between
input plug-DC plug

Leakage Current ----- 0.25mA max at nominal AC input voltage
and frequency

Temperature Rise ----- Case surface rise 95°C or less

ENVIRONMENTAL

Operation Temperature	-10 °C – 40 °C
Storage Temperature	-25 °C – 70 °C
Operation Humidity	5% (0°C) ~ 90% (40°C)
Storage Humidity	5% ~ 95%

MECHANICALS

Cable UL20276 20AWG, 1750mm	Technical drawing of the cable assembly. The main cable is 1750±30 mm long. It features a 60 mm wide rectangular connector on the left and a 60±10 mm wide oval connector on the right. The oval connector has a central 'Strip' section that is 100±10 mm long. The distance from the left connector to the start of the strip is 60±10 mm, and from the end of the strip to the right connector is 60±10 mm. The right connector has a width of 36.5 mm. Below the main drawing, four smaller diagrams show the connector types for different regions: EU (56.1 mm high), UK (51.1 mm high), US (33 mm high), and AU (47.2 mm high).	Case Dimension	Weight
Case Material UL94-V1		L60*W60*H30mm	EU(V) 214g (Ref.)
IEC-320-C8			UK(B) 219g (Ref.)
			US(U) 214g (Ref.)
			AU(S) 214g (Ref.)