

# 90W Type-C

**Q90-Wall Mount Type  
USB-C PD Power Adapter**



**SAFETY APPROVALS** CE, FCC

### FEATURES

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

Q90 Type-C	O/P Voltage	O/P Current	Watt	O/P Voltage	O/P Current	Watt
	5.0V	3A	15W	15.0V	3A	45W
	9.0V	3A	27W	20.0V	4.5A	90W
	12.0V	3A	36W			

### INPUT CHARACTERISTICS

Rated Input Voltage ..... 100-240V AC  
Rated Frequency ..... 50/60Hz  
Steady AC Current ..... 1.5A(Max) Measured at 100Vac input  
Inrush Current ..... Less than 100A  
Empty Loaded Wasting ..... 150mW at 5V output

### OUTPUT CHARACTERISTICS

Power ..... 90W 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 ..... EN60950-1  
EMC & EMI ..... EN55032 EN55024 EN61000-3-2 EN61000-3-3  
FCC ..... EN55032 FCC Part15 Class B

### 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 <b>UL20276 18AWG, 1750±30mm</b>		<b>Case Dimension</b>
Case Material <b>UL94-V1</b>		<b>Weight</b>
<b>IEC-320-C8</b>		EU(V) 340g (Ref.) UK(B) 345g (Ref.) US(U) 340g (Ref.) AU(S) 340g (Ref.)