

AQ-PSx-1 SERIES Dual Voltage Regulated Power Supplies

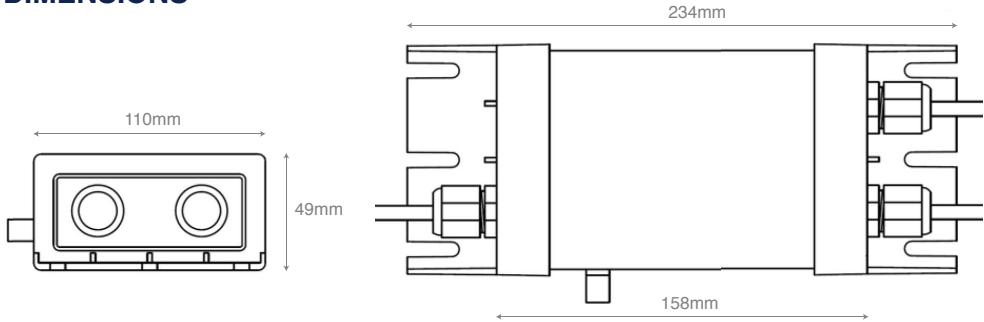


SPECIFICATIONS

Type:	Regulated switching mode power supply (≤10A, 13V DC)
Waterproof:	Yes - IPx5
Input Voltage:	100-240V AC (power input auto sensing/switching)
Input Frequency:	50/60 Hz
Efficiency:	≥87%
Power Consumption:	≤0.5W (at 240V AC)
Power Factor:	≥0.9 (at full load)
Short Circuit Protection:	Continuous
Output Plug:	2x female spade connectors (+13V DC (red), Neg (black))
Output Voltage:	13V DC regulated
Output Current:	5A
Ripple & Noise:	260mV (max)
Voltage Accuracy:	±5%
Line Regulation:	±5%
Load Regulation:	±5%
Operating Temperature:	-20°C - 70°C
Storage Temperature:	-20°C - 85°C
Dimensions:	49 x 234 x 110 mm
Certifications:	UL1563 class2, UL1310, CSA, CE
Additional Features:	Over Voltage Protection, Over Current Protection Over Temperature Protection

NOTE: For connection of either EU or UK mains plugs (AC) please use model AQ-PST-1.

DIMENSIONS



AVAILABLE MODELS & CONNECTIONS

Model	Input (AC)	
AQ-PSUS-1		110V AC US 3-prong Plug
AQ-PST-1 (compatible with EU & UK mains AC plugs)		110/240V AC Female Spade Connectors
AQ-PSB-1 AQ-PSB-1D		110/240V AC 4-pin amp/molex connector
Model	Output (DC)	
AQ-PSUS-1 AQ-PST-1 AQ-PSB-1		12V DC Female Spade Connectors
AQ-PSB-1D		12V DC Female Spade Connectors