

## AQ-PSx-1 SERIES Dual Voltage Regulated Power Supplies

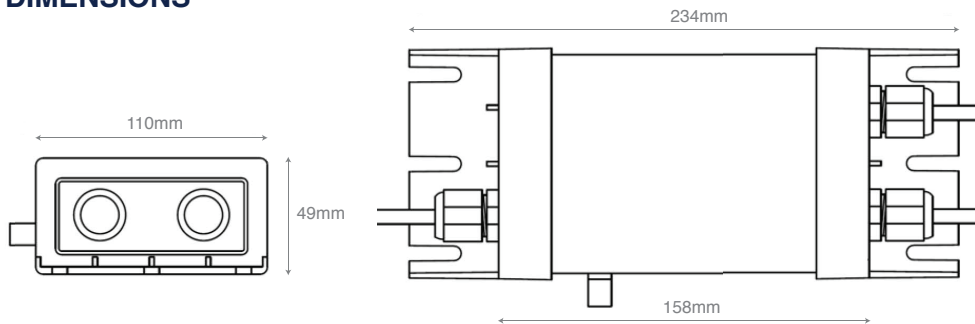


### SPECIFICATIONS








Type:	Regulated switching mode power supply ( $\leq 10A$ , 13V DC)
Waterproof:	Yes - IPx5
Input Voltage:	100-240V AC (power input auto sensing/switching)
Input Frequency:	50/60 Hz
Efficiency:	$\geq 87\%$
Power Consumption:	$\leq 0.5W$ (at 240V AC)
Power Factor:	$\geq 0.9$ (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:	$\pm 5\%$
Line Regulation:	$\pm 5\%$
Load Regulation:	$\pm 5\%$
Operating Temperature:	$-20^{\circ}C - 70^{\circ}C$
Storage Temperature:	$-20^{\circ}C - 85^{\circ}C$
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-PSTS-1	 240V AC DSMT Plug Yellow
AQ-PSJ-1 AQ-PSJ-1D	 240V AC Gecko In-Link J-Cord
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-PSTS-1 AQ-PSJ-1 AQ-PST-1 AQ-PSB-1	 12V DC Female Spade Connectors
AQ-PSJ-1D AQ-PST-1D	 12V DC Female Spade Connectors

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Design and specification subject to change without notice.E&OE