Valhalla Scientific, Inc.
Models 2575A 100Amp Current Shunt
(Specifications)

Table 1 - Ranges and Accuracy (1 year @ 25°C ±5°C) [2]

Range Name & Maximum Input	Shunt Value	DC Accuracy (% of Range)	AC Accuracy (% of Range)	Frequency Response
100A	0.001Ω	±0.05%	±0.1%	DC to 1KHz
20A	0.01Ω	±0.02%	±0.1% [1]	DC to 10KHz
2A	0.1Ω	±0.02%	±0.1%	DC to 10KHz
200mA	1Ω	±0.01%	±0.1%	DC to 10KHz
20mA	10Ω	±0.01%	±0.1%	DC to 10KHz
2mA	100Ω	±0.01%	±0.1%	DC to 10KHz
Notes:	[1] AC accuracy is ±0.5% of range above 1000Hz. [2] Outside the specified temperature range, add ±0.001% of range per °C.			

Amplifier Characteristics

Amplitude Gain:	10.000
Gain Accuracy (relative to input):	± 0.01% of output ± 100µV at DC
Frequency Response:	± 0.05% of output to 10kHz
Input Resistance:	$> 10^{10}$ Ω
Output Resistance:	0.1Ω max
Maximum Input Voltage (without damage):	± 300mV DC or AC_{peak}

Physical Specifications

Temperature Range:	0°C to 50°C
Power:	80 to 130VAC, 47 to 63Hz *or* 160 to 250VAC, 47 to 63Hz 15VA max
Size:	4" H x 17" W x 11.5" D 10cm H x 43cm W x 30cm D
Weight:	8 lbs net, 18 lbs shipping 4kg net, 8.5kg shipping