



PROVA 6600 3 Phase Power Clamp

Electrical Specifications: (23°C±5°C)

AC+DC True Power: (PF 0.2 - 1.0, 3 ϕ 3W, 3 ϕ 4W, 1 ϕ 2W, and 1 ϕ 3W)

Range	Resolution	Accuracy (of reading)	Range
0 - 99.99KW	0.01KW	±2.0%±0.05KW	AC 600V, DC 800V, ACA/DCA 2000A
100 - 999.9KW	0.1KW	±2.0%±0.5KW	
1000-1200KW	1KW	±2.0%±5KW	

KW Autoranging Map: (PF 0.2 - 1.0, 3 ϕ 3W, 3 ϕ 4W, 1 ϕ 2W, and 1 ϕ 3W)

	0V – 200V	200V - 600VAC, 200V - 800VDC
0A - 200A	0.00 - 40.00KW	0.00 - 99.99KW, 100.0 - 160.0KW
200A - 2000A	0.0 - 400.0KW	0.0 - 999.9KW, 1000 - 1600KW

AC+DC True Power: (Power Factor 0.2 - 1.0, 3 ϕ Balanced Power)

Range	Resolution	Accuracy (of reading)	Range
0 - 99.99KW	0.01KW	±2.0%±0.5KW	AC 600V, DC 800V, ACA/DCA 2000A
100 - 999.9KW	0.1KW	±2.0%±0.5KW	
1000-1200KW	1KW	±2.0%±5KW	

AC+DC Voltage: (True RMS, Crest Factor<4, Auto range, Overload Protection 800VAC for all ranges.)

Range	Resolution	Accuracy (of reading)		Input Impedance
		DC, 50/60 Hz	40 - 400Hz	
0-200V	0.1V	±1.5%±5dgts	±2.0%±5dgts	10M Ω
200-500V	0.1V	±1.5%±5dgts	±2.0%±5dgts	10M Ω
500-600V	1V	±1.5%±5dgts	±2.0%±5dgts	10M Ω

AC+DC Current: (True RMS, Crest Factor < 4)

Range	Resolution	Accuracy (of reading)		Overload Protection
		DC, 50/60 Hz	40 - 400Hz	
0-200A	0.1A	±1.5%±5dgts	±2.0%±5dgts	AC 3000A
200-500A	0.1A	±2.0%±5dgts	±2.5%±5dgts	AC 3000A
500-2000A	1A	±2.5%±5dgts	±3.0%±5dgts	AC 3000A


Phase Angle: (50/60 Hz, must zero current reading before measurement)

Range	Accuracy	Sensitivity	Remark
-90° to +90°	± 2.0°	V > 100V, A > 10A	Zero Crossing Detection

Frequency: (if < 10 Hz, Hz = 0)

Range	Accuracy	Sensitivity
50/60 Hz	±2digits	V: > 1V, A: > 5A
10 – 400 Hz	0.5% ± 2 digits	V: > 1V, A: > 5A

General Specifications:

Conductor Size:	Cable ϕ 55mm. (approx.) Bus Bar 65mm(D) x 24mm(W)
Battery Type:	9V
Display:	2 X 4 Digits Dual Display LCD
Range Selection:	Auto
Overload Indication:	OL
Power Consumption:	25mA (approx.)
Low battery Indication:	
Sampling Time:	0.5 sec. (V and A) 1.6 sec. (W)
Operating Temperature:	4°C to 50°C
Operating Humidity:	less than 85% relative
Altitude:	up to 2000M
Storage Temperature:	-20°C to 60°C
Storage Humidity:	less than 75% relative
Dimension:	271mm (L) x 112mm (W) x 46mm (H) 10.7" (L) x 4.4" (W) x 1.8" (H)
Weight:	647g / 22.8 oz (battery included)
Accessories:	Carrying bag x 1 Users manual x 1 Battery 9V x 1, installed

PROVA[®]

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