

# PROVA

## AC/DC True RMS WATT CLAMP

### MODEL 2009

- AC+DC 1200KW
- DC/AC 2000A & ANALOG OUTPUT
- Cable  $\Phi$  55mm
- True RMS
- Temperature ( $^{\circ}$ C or  $^{\circ}$ F)
- 0.1 $^{\circ}$ C /  $^{\circ}$ F Resolution



### Specifications for PROVA 2009

#### DC Current (Autorange & Manual):

Range	Resolution	Accuracy	Overload Protection
400A	0.1A	+/-1.5%+/-3dpts	3000A
2500A	1A	+/-1.5%+/-3dpts	3000A

#### ANALOG OUTPUT (Autorange & Manual):

Range	OUTPUT	Accuracy	Overload Protection
400A	1mV/A	+/-2.5%+/-0.5A	600V AC
2500A	1mV/A	+/-2.5%+/-5A	600V AC

#### AC Current (Autorange & Manual, True RMS)

Range	Resolution	Accuracy		Overload Protection
i@	i@	50/60Hz	40-400Hz	3000A
400A	0.1A	+/-1.5%+/-5dpts	+/-2.0%+/-5dpts	3000A
2100A(0-1000)	1A	+/-2.0%+/-5dpts	+/-2.5%+/-5dpts	3000A
2100A(1000-2100)	1A	+/-2.5%+/-5dpts	+/-3.0%+/-5dpts	3000A

#### ANALOG OUTPUT (Autorange & Manual)

Range	OUTPUT	Accuracy	Overload Protection
400A	1mV/A	+/-2.5%+/-0.5A	600V AC
2100A	1mV/A	+/-2.5%+/-5A	600V AC

**DC Voltage (Autorange & Manual, Overload Protection 800VAC for all Range)**

Range	Resolution	Accuracy	Input Impedance
400mV	0.1mV	+/-1.5%+/-3dgt	10MΩ
4V	0.001V	+/-1.5%+/-3dgt	5MΩ
40V	0.01V	+/-1.5%+/-3dgt	5MΩ
400V	0.1V	+/-1.5%+/-3dgt	5MΩ
600V	1V	+/-1.5%+/-3dgt	5MΩ

**AC Voltage (Autorange & Manual ,True RMS, Input Impedance 5MΩfor all Range)**

Range	Resolution	Accuracy	Overload Protection
4V	0.001V	+/-1.5%+/-5dgt	800VAC
40V	0.01V	+/-1.5%+/-5dgt	800VAC
400V	0.1V	+/-1.5%+/-5dgt	800VAC
600V	1V	+/-1.5%+/-5dgt	800VAC

**Audible Continuity**

Range	Continuity Beeper	Open Circuit Voltage	Overload Protection
400Ω	<=40Ω(approx)	<=0.5V	600VAC

**TEMP K TYPE °C (Autorange & Manual)**

Range	Resolution	Accuracy	Overload Protection
-40~0°C	0.1°C	+/-2.0%±2°C	600VAC
-0~400°C	0.1°C	+/-0.5%±1°C	600VAC
400 ~1000°C	1°C	+/-0.8%±1°C	600VAC

**AC+DC 250V POWER (Autorange & Manual)**

Range	Resolution	Accuracy	Overload Protection
40KW	0.01KW	+/-2.5%+/-5dgt	800VAC 3000A
400KW	0.1KW	+/-2.5%+/-5dgt	800VAC 3000A

**AC+DC 600V POWER (Autorange & Manual)**

Range	Resolution	Accuracy	Overload Protection
400KW	0.1KW	+/-2.5%+/-5dgt	800VAC 3000A
1200KW	1KW	+/-2.5%+/-5dgt	800VAC 3000A

## General Specification

**Jaw Opening** Cable  $\Phi$  55mm

Bus Bar 65mm(D) x 24mm(W)

**Power Source** One 006P 9V or IEC 6F22 or NEDA 1604 Battery

**Operating Temperature** 0°C ~ 40°C ( 32°F ~ 104°F )

**Operating Humidity** Less than 80% RH

**Dimensions** 10.7"(L) x 4.4"(W) x 18"(H)

271mm(L) x 112mm(W) x 26.2mm(H)

**Weight** 647g / 22.8oz. (Battery included)

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