



PROVA 6601 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 Voltage: (True RMS, Crest Factor<4, Autorange, 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 |


AC+DC KVAR: (Reactive Power, 3 ϕ 3W, Sine Wave)

| 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 | |

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

| Range | Accuracy | Sensitivity |
|--------------|-----------------|------------------|
| 50/60 Hz | ±2digits | V: > 1V, A: > 5A |
| 10 – 1000 Hz | 1.5% ± 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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