

FEATURES :

- KW, PF(COS ϕ), KVA, KVAR (3 ϕ 4W, 3 ϕ 3W, 1 ϕ)
- AC+DC True Power, True RMS ACV, ACA
- AC+DC 1200 KW(1 ϕ), AC+DC 2000KW (3 ϕ)
- Dual Display KW+PF, KVA+KVAR, V+Hz, A+V
- Phase Angle (ϕ), Phase Sequence Indication (6600)
- Memory of 4 Records
- DCA/DCW Auto Zero
- Auto Range V, A, W :AC/DC Auto Detection

ELECTRICAL SPECIFICATIONS:(23 $^{\circ}$ C \pm 5 $^{\circ}$ 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 rdg)	Input Impedance
0-99.99KW	0.01KW	$\pm 2.0\% \pm 0.05KW$	AC 600V, DC 800V ACA/DCA 2000A
100-999.9KW	0.1KW	$\pm 2.0\% \pm 0.5KW$	AC 600V, DC 800V ACA/DCA 2000A
1000-1200KW	1KW	$\pm 2.0\% \pm 5KW$	AC 600V, DC 800V ACA/DCA 2000A

- AC+DC Voltage(True RMS, Crest Factor (4), Autorange, Overload Protection 800VAC for all range)

Range	Resolution	Accuracy(of rdg)		Input Impedance
		DC, 50/60Hz	Hz 40-400Hz	
0-200V	0.1V	$\pm 1.5\% \pm 5dpts$	$\pm 2.0\% \pm 5dpts$	10M Ω
200-500V	0.1V	$\pm 1.5\% \pm 5dpts$	$\pm 2.0\% \pm 5dpts$	10M Ω
500-600V	1V	$\pm 1.5\% \pm 5dpts$	$\pm 2.0\% \pm dpts$	10M Ω

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

Range	Resolution	Accuracy(of rdg)		Overload protection
		DC, 50/60Hz	Hz 40-400Hz	
0-200A	0.1A	$\pm 1.5\% \pm 5dpts$	$\pm 2.0\% \pm 5dpts$	AC 3000A
200-500A	0.1A	$\pm 2.0\% \pm 5dpts$	$\pm 2.5\% \pm 5dpts$	AC 3000A
500-2000A	1A	$\pm 2.5\% \pm 5dpts$	$\pm 3.0\% \pm 5dpts$	AC 3000A

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

Range	Resolution	Accuracy(of KVARdg)	Input Range
0-99.99KW	0.01KW	$\pm 2.0\% \pm 0.5KW$	AC 600V, DC 800V ACA DCA 2000A
100-999.9KW	0.1KW	$\pm 2.0\% \pm 0.5KW$	AC 600V, DC 800V ACA DCA 2000A
1000-1200KW	1KW	$\pm 2.0\% \pm 0.5KW$	AC 600V, DC 800V ACA DCA 2000A

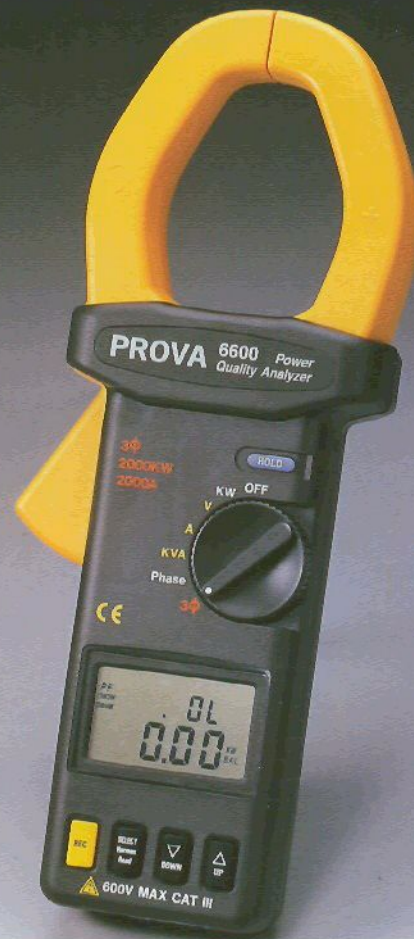
- Power Factor PF = $\frac{\Sigma KW}{\Sigma KVA}$

- Phase Angle(must zero current reading before measurement 6600)

Range	Accuracy	Sensitivity	Remark
50/60 Hz	± 2.0	V \geq 100V, A \geq 10A	

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

Range	Accuracy	Sensitivity
50/60 Hz	$\pm 2dpts$	V:1V, A:5A
100-400 Hz	$\pm 0.5\% \pm 2dpts$	V:1V, A:5A



- Function List of PROVA 6600 and 6601

Function	Condition/Range	6600	6601	
KW, PF	3 ϕ 3W	Balanced Load	<input type="radio"/>	<input type="radio"/>
KVA, KVAR	3 ϕ 3W	Balanced Load	<input type="radio"/>	<input type="radio"/>
KW, PF	3 ϕ 3W	Unbalanced Load	<input type="checkbox"/>	<input type="radio"/>
KVA, KVAR	3 ϕ 3W	Unbalanced Load	<input type="checkbox"/>	<input type="radio"/>
KW, PF	3 ϕ 4W	Balanced/	<input type="radio"/>	<input type="radio"/>
		Unbalanced Load	<input type="radio"/>	<input type="radio"/>
KVA, KVAR	3 ϕ 4W	Balanced/	<input type="checkbox"/>	<input type="radio"/>
		Unbalanced Load	<input type="checkbox"/>	<input type="radio"/>
Phase Angle(ϕ)	$\pm 90^{\circ}$	<input type="radio"/>	<input type="checkbox"/>	
Phase Sequence Indication	RST or TSR	<input type="radio"/>	<input type="checkbox"/>	
KW, PF, KVA, KVAR	1 ϕ	<input type="radio"/>	<input type="radio"/>	
V(Ture RMS)	AC+DC 600V	<input type="radio"/>	<input type="radio"/>	
A(Ture RMS)	AC+DC 2000A	<input type="radio"/>	<input type="radio"/>	
Hz(V) \geq 1	10.0-400.0Hz	<input type="radio"/>	<input type="radio"/>	
Hz(A) \geq 5	10.0-400.0Hz	<input type="radio"/>	<input type="checkbox"/>	

GENERAL SPECIFICATIONS :

Conductor Size: Cable ϕ 55mm
Bus Bar 65mm(D) \times 24mm(W)

Battery Type: 9V

Display: 2 X 4 Digits Dual Display LCD

Range Selection: Auto

Overload Indication: OL

Power Consumption: 25 mA (approx.)

Low battery Indication:

Sampling Time: 0.5 sec.(V and A), 1.6 sec.(W)

Operating Temperature: 4 $^{\circ}$ C to 50 $^{\circ}$ C

Operating Humidity: less than 85% relative

Altitude : up to 2000M

Storage Temperature: 20 $^{\circ}$ C to 60 $^{\circ}$ C

Storage Humidity: less than 75% relative

Dimension: 271mm (L) \times 112mm (W) \times 46mm (H)

Weight: 647 g (batteries included)

Accessories: Carrying bag, Users manual, 9V battery, Test leads