

Data Sheet

IPM 6600

Three Phase Power Clamp

FEATURES :

- 3 ϕ 4W, 3 ϕ 3W, 3 ϕ Balanced, 1 ϕ 2W, and 1 ϕ 3W Power Measurement
- AC+DC true power, and True RMS AC Voltage and Current
- AC+DC 2000A, AC 600V, DC 800V
- AC+DC 1200KW(1 ϕ), AC+DC 2000KW (3 ϕ)
- Dual Display V+Hz, A+Hz, W+PF, KVA+KVAR, V+A
- Phase Angle Measurement
- 3 ϕ RST(L1L2L3) Sequence Indication
- Memory of 4 records
- DCA/DCW Auto Zero when power clamp powering on
- AC/DC Auto Detection, Auto range

SPECIFICATIONS :

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)	Overload Protection
0 - 99.99KW	0.01KW	$\pm 2.0\% \pm 0.05KW$	AC 600V, DC 800V,
100 - 999.9KW	0.1KW	$\pm 2.0\% \pm 0.5KW$	
1000-1200KW	1KW	$\pm 2.0\% \pm 5KW$	ACA/DCA 2000A

KW Auto ranging 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 rdg)	Overload Protection
0 - 99.99KW	0.01KW	$\pm 2.0\% \pm 0.5KW$	AC 600V, DC 800V,
100 - 999.9KW	0.1KW	$\pm 2.0\% \pm 0.5KW$	
1000-1200KW	1KW	$\pm 2.0\% \pm 5KW$	ACA/DCA 2000A



ISO-TECH

Data Sheet

IPM 6600

Three Phase Power Clamp

SPECIFICATIONS :

AC+DC Voltage: (TRMS, Crest Factor<4, Auto range, Overload Protection 800VAC)

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

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


Range	Resolution	Accuracy (of rdg)		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

Conductor Size:	Cable Φ55mm. (approx.), Bus Bar 65 x 24mm
Battery Type:	9V
Display:	2 X 4 Digits Dual Display LCD
Range Selection:	Auto
Sampling Time:	0.5 sec. (V and A), 1.6 sec. (W)
Overload Indication:	OL
Low battery Indication:	
Power Consumption:	25mA (approx.)
Operating Environment:	4°C to 50°C, less than 85% relative
Storage Environment:	-20°C to 60°C, less than 75% relative
Dimension:	271 x 112 x 46mm
Weight:	647g (battery included)
Accessories:	Carrying bag x 1, Users manual x 1, Battery 9V x 1



ISO-TECH