

Input Specifications

MODEL	4010A	4011A	4012A
VOLTAGE			
Ranges	30, 60, 100	60, 120, 200	30, 60, 100
Auto-ranging up	150, 200, 300V	300, 400, 600V	150, 200, 300V
Impedance	1MΩ on all Ranges		
Maximum Allowable input (Continuous)	300 Vrms AC 450V DC or peak AC	600 Vrms AC 900V DC or peak AC	300 Vrms AC 450V DC or peak AC
Max. allowable Input (for 1 min)	1000Vpeak	2000Vpeak	1000Vpeak
CURRENT			
Ranges	0.5, 1, 2,		0.125, 0.25, 0.5,
Auto-ranging up	5, 10, 20A		1.25, 2.5, 5A
Impedance	0.11Ω on 0.5, 1, 2A Range 0.01Ω on 5, 10, 20A Range		0.4Ω on 0.125, 0.25, 0.5A Range 0.04Ω on 1.25, 2.5, 5A Range
Maximum Allowable input (Continuous)	20Arms AC (40A peak) 20A DC		5Arms AC (10A peak) 5A DC
Max. allowable Input (for 1 min)	40A		10A

Measurements Specifications

FUNCTION	VOLTAGE Vrms	CURRENT Irms	POWER Pav	POWER FACTOR P.F
Operating Theory	$\left[\frac{1}{256} \sum_{i=1}^{256} V_i^2 \right]^{1/2}$	$\left[\frac{1}{256} \sum_{i=1}^{256} I_i^2 \right]^{1/2}$	$\frac{1}{256} \sum_{i=1}^{256} V_i \times I_i$	$\frac{P_{av}}{V_{rms} \times I_{rms}}$
Crest Factor	UP to 1.5	UP to 2	Corresponds to V and A	
Accuracy	0.1% of Reading + 0.06% of Range	0.1% of Reading + 0.1% of Range	0.2% of Reading + 0.2% of Range	
Sampling Rate for Both V & A	11,520 to 16,640 samples/sec Normal Mode : 256 sample/cycle Average Mode : 1024 sample/4 cycle			
Fundamental Freq. Range	DC 45 Hz to 65 Hz (AC, AC+DC)			
Temp. Coefficient	Less than 0.025% of Range /°C			

AC Power : 115/230 Vac ±10%, 50/60Hz Weight : 4.5kg Dimension : 221(W)x88(H)x325(D)mm

Order Information

- ▶ **4010A** 300V • 20A • 6000W
- ▶ **4011A** 600V • 20A • 12000W
- ▶ **4012A** 300V • 5A • 1500W

Options 1M GPIB Cable
 2M GPIB Cable