

Specifications

MODEL	5302A
Power Rating	270VAmax
Type	Linear
Voltage Rating	10~150Vrms / 160~305Vrms
Accuracy	0.2% ± 0.2% F.S.
Resolution	0.1V / 0.2V
Distortion	THD ≤ 0.5% (R load)
Load Regulation	±0.5%±0.5V
Line Regulation	±0.5%±0.5V
Current Rating	2.0Arms / 1.0Arms
Frequency	40~70Hz
Resolution	0.1Hz
Triac Mode	Leading / Trailing Edge
Range	0~180°
Resolution	1°
Angle(ON/OFF)	0~360°
Resolution	1°
Protection	OCP,OTP,OPP,Short
Measurements	
ACV meter(Vrms)	150V / 305V
Resolution	0.1V
Accuracy	±0.5% of (Reading + Range)
ACA meter(Arms)	10mA / 20mA / 200mA / 2000mA / 200A (for Inrush)
Resolution	0.01mA / 0.01mA / 0.1mA / 1mA / 0.1A (for Inrush)
Accuracy	±0.5% of (Reading + Range) / ±2% of (Reading + Range) (for Inrush)
ACW meter	1.5W / 3W / 6W / 30W / 60W / 300W / 600W
Resolution	0.001W / 0.001W / 0.001W / 0.01W / 0.01W / 0.1W / 0.1W
Accuracy	±0.5% of (Reading + Range)
DCW meter	Same as 3310F series
PF meter	±0.01~1.00
Resolution	0.01
Accuracy	1% of (Reading + Range)
Frequency meter	40~70 Hz
Resolution	0.1 Hz
Accuracy	± 0.1 Hz
Efficiency meter	Corresponds to ACW and DCW, ±1% of (Reading + Range)
Integration Meas. Power	From 0.000mWH~999.9KWH
Integration Meas. Time	1 Sec.~99H59M59S
Inrush Delay/Period	0~99.9mS / 0.1~99.9S
Meter Meas. Rate Interval time	100mS / 200mS / 500mS / 1S / 5S / 10S
Interface	RS-232
External AC Source	300Vrms / 2A / 600VA

Input AC Power : 115/230 Vac ±10% · 50/60Hz

Cooling : Advanced Fan Cooled

Order Information

► **5302A** AC Power Source with Power/Energy Analyzer (270VA ,1Ø)