

Model IP110

Main Features

- ▶ High frequency PWM technology
- ▶ A microprocessor controls all diagnostics and operations
- ▶ High reliability (MTBF = 1,247,424 Hours)
- ▶ Excellent dynamic and static behavior
- ▶ Quiet operation
- ▶ Front panel for simple and efficient operation using a load bar graph
- ▶ Standalone floor cabinet or 19" cabinet



POWER	0.5kVA	1kVA	1.5kVA	2kVA
Topology	20kHz PWM push/pull inverter			
Control	Microcontrolled			
INPUT				
Voltage	48Vdc (nominal) 40 ÷ 60Vdc			
Max. Current	11A	20A	28A	35A
Psophometric Noise	2mV over 600Ω			
Low Voltage Shutdown	40 ± 1V			
OUTPUT				
Voltage	220/230Vac ± 4% (110Vac option)			
Power	500VA/350W	1000VA/700W	1500VA/900W	2000VA/1200W
Efficiency	82% @ 48Vdc full load		84% @ 48Vdc full load	
Frequency	50/60Hz±0.2Hz (adjustable)			
Waveform	Pure Sinewave			
THD	2% max. for linear load 8% max. for non-linear load			
Crest Factor	3:1 max. for non-linear load			
Voltage Regulation	+1% , -2%			
Dynamic Regulation	Recover within 1 mS for 100% load step			
GENERAL				
Protection	Overload, short circuit (inherent pulse-by-pulse), input fuse			
Indications - LED	Load level (bar-graph), overload, low DC input voltage, Inverter ON			
Safety	According to IEC950 (EN60950) - UL1950 model - optional			
EMC	EN50082-1, EN55022-A			
Acoustic Noise	<45dBA @1.5m			
Temperature	-10° c to +45° c (operating) -20° c to +70° c (storage)			
Dimensions WxHxD	Standard Cabinet: 180mm x 215mm x 330mm Rack Cabinet: 19" x 3U x 220mm			
Weight	11Kg		14Kg	

All specifications are typical and subject to change without prior notice