

Power Conditioners



1 - 100kVA Single Phase
10 - 300kVA Three Phase



Features:

- **Micro Processor Control**
- **Micro Size**
Quarter the size / weight of traditional AVR
- **Modular Design**
- **High Efficiency**
98% at full load
- **High Input Power Factor**
Input power factor 0.95 ~ 1.0
- **Extra Low No Load Power Consumption**
No load power consumption 1.5%
- **Automatic Electronic Bypass**
- **Flexibility For Loads**
Suitable for pure capacitive / inductive loads

Applications:

- **Production Line**
- **Process Control**
- **CAD / CAM Multi-Media**
- **Communication Systems**
- **Measuring Instruments**
- **Alarm / Security Systems**
- **Medical Equipment**
- **POS Systems**
- **Auto-Test Equipment SMT Device**
- **Audio Equipment**
- **Electric Cash Registers**
- **Server / Data Storage Systems**
- **Computers & Computer Peripherals**

Power Conditioners

SPECIFICATIONS:

Power Conditioners (kVA) Single Phase		1	2	3	5	7	10	15	20	30	50	80	100	
Input	Nominal Voltage	230V / 240V												
	Voltage Range	± 18%			± 18% (± 25% optional)									
	Frequency	47 ~ 63 Hz Auto Select												
	Power Factor	0.95 ~ 1.0												
Output	Nominal Voltage	230V / 240V												
	Line Regulation	± 1% ~ ± 4%					± 1% ~ ± 2%							
	Load Regulation	± 1% ~ ± 4%					± 1% ~ ± 2%							
	Distortion	Less Than 1%												
	Power Factor	± 0.7 ~ 1												
THD	Total Harmonic Distortion (THD) ≤ 1% (additional waveform distortion)													
Response	≤ 4m Sec / Step													
VA Efficiency	≥ 98% at full load / no load energy power consumption ≤ 2%													
Overload Capacity	200% for 10 seconds, 500% for 50 Ms													
Crest Factor	3:1													
Protection	Over Range	Power Auto Shut & LED Indicator					LED indicator							
	Over Load	No Fuse Breaker					150% for 15 sec, 130% for 30 sec 110% for 300 sec							
	Over/Under Voltage	Alarm and auto shut off					Alarm (option) and auto shut off (option)							
	Auto Bypass	Auto (LED Indicator and Alarm)												
	Noise	High Energy Surge Absorber, LC Filter, EMI Filter (option)												
Indicator	Volt Meter	Yes												
	Ampere Meter	-					Yes							
	LED	Power abnormal, output voltage overrun (high voltage / low voltage), auto bypass supply												
Ambient Temperature	-10 ~ 45 °C													
Humidity	0 ~ 95% Non-Condensing													
Altitude Max	3000M													

INPUT

- High Voltage
- Brownout
- Electric Noise
- Surge
- Spike
- Dip (Sag)



OUTPUT

Pure and Clean Sine Wave