Industronic
Energy in Evolution

AMCR 5200

Power Conditioner
Two Phase 120 V, 4 ~ 15 kVA

10
Year
Warranty

Features

- ± 5% Voltage Regulation
- ± 15% Accepted Input Voltage Range
- Overload Capacity up to 400% on Intermittent Startups
- Surge Supressor Included
- Automatic Shut Off
- Quiet Operation and Minimal Heating
- Original Patents
- 99% Efficiency
- Correction Time: 8 Milliseconds (Inmadiate)
- Digital Display with LEDs
- Input / Output Terminal Block (Clamps)

Solves the Following Power Quality Issues

- High Voltage Surge
- Low Voltage Surge
- Sustained High Voltage
- Sustained Low Voltage
- Electrical Noise
- Voltage Spikes

Applications

- Household Appliances
- Telcommunications
- Computer Equipment
- Robotics
- Audiovisual Equipment
- Medical and Laboratory Equipment
- Printers and Plotters
- Lighting Systems
- Automated Assembly Lines
- CNC Machines

Optional

- Electrical Parameter Reports: Voltage, Current, Power and kWh
- Isolation Transformer / Autotransformer

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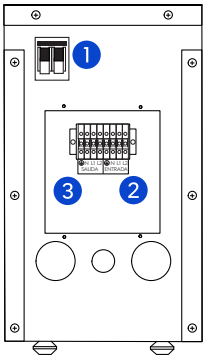
AMCR 5200 Specs



1 On / Off Switch
2 Input Terminal Block
3 Output Terminal Block

Model: AMCR	5204	5206	5210	5215
Input				
Capacity (kVA / kW)	4 /4	6 / 6	10 / 10	15 / 15
Input Voltage (V)	120 / 208			
Overload Protection	Thermal magnetic output circuit breaker / fuse (depends on the model)			
Range (Accepted)	± 15%			
Operational Frequency	60 Hz ± 10%, does not alter frequency*			
Harmonic Distorsion	Less than 2 % THD			
Power Factor	Does NOT alter, adaptable to load requirement			
Output				
Voltage Regulation Range	± 5% (typical)			
Power Supply Impedance	Less than 2%			
Sustained High/Low Voltage Protection	Contactor or relay on the output, automatic shut off (depends on the model)			
Correction Time	Immediate, 8.3 milliseconds (1/2 cycle)			
Reset	Automatic (programmed at factory)			
Reset Time	3 second standard time **			
Physical				
Recommended Use	Domestic, commercial and/or industrial, non vibratory, indoor use			
Input / Output Connectors	Terminal block (clamps) (G, N, L1, L2)**			
Transformers	Electrolitic copper magnetic wire and silicon steel sheet			
Cooling & Ventilation	Natural convection			
Cabinet	Galvanized steel sheet metal			
Paint Finish	Primer and electrostatic epoxy powder coating			
Maximum Operating Altitude (mamsl)	3,000			
Operational Temperature (°C)	0 ~ 40			
Relative Humidity	0 ~ 95% without condensation			
Dimensions, height x width x depth (mm)	460 x 270 x 450			
Weight (kg)	18	21	28	35
Technology				
High Frequency Noise Protection	PI Filter			
Control Technology	Microcontroller			
Monitoring (Operational Status)	LED´s / display (depends on the model)			
Measurement Parameters	Voltage, current, power and kWh			
Electronic Conmutation	TRIACs			
Electrical				
Transformer	Type H			
Surge Suppressor	Varistors on the output			
Efficiency	98% minimum			
Overload Capacity	Up to 400% in intermittent startups			

* Tolerance available under evaluation of the Engineering department ** Factory configurable on request
The specifications are subject to changes and modifications without prior notice, due to our commitment of continuous improvement of reliability, design and functionality of our products

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