

Features

- $\pm 2\%$ Voltage Regulation
- $\pm 15\%$ Accepted Input Voltage Range
- Overload Capacity up to 400% on Intermittent Startups
- Smart Overload Protection (SOP)
- Spike Suppressor Included
- Automatic Shut Off
- 99% Efficiency
- Event History
- Immediate Correction Time (8 Milliseconds)
- Real-Time Ethernet Monitoring
- Manual Maintenance Bypass
- Digital Display with LEDs
- Remote Voltage Calibration
- Phase Failure Protection
- Electronic Control, Solid State
- Nominal Voltage from 100 to 600 Volts (Line to Line)
- Power Quality Monitor Measuring at two Electrical Points (Input and Output)

Solves the Following Power Quality Issues

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

Applications

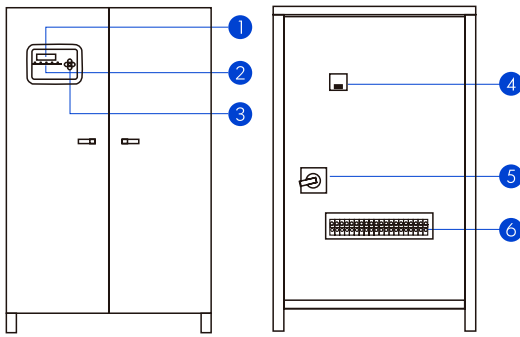
- Computer Equipment
- Medical and Laboratory Equipment
- Audiovisual Equipment
- Telecommunications
- Printers and Plotters
- Lighting Systems
- Robotics
- Automated Assembly Lines
- CNC Machines

Optional

- 7" Touch Screen
- Current Measurement
- Paralleling by Capacity
- Transformer for Compatibility Between Electrical Standards



AMCR G3 2300 Specs



- ① Digital Display Indicator
- ② LED Indicators
- ③ Navigation Buttons
- ④ "On" Switch
- ⑤ Manual Maintenance Bypass
- ⑥ Input/Output Terminal Connection Block

Model: AMCR G3	23300	23400	23500
Input			
Capacity (kVA / kW)	300 / 300	400 / 400	500 / 500
Input Voltage (V)	110 / 190, 115 / 200, 120 / 208, 127 / 220 or 254 / 440, 266 / 460, 277 / 480		
Overload Protection	Thermal magnetic input circuit breaker		
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	± 2% (typical)		
Output Voltage (V)	110 / 190, 115 / 200, 120 / 208, 127 / 220 or 254 / 440, 266 / 460, 277 / 480		
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		
Transformers	Electrolitic copper magnetic wire and silicon steel sheet		
Cooling & Ventilation	Natural convection		
Cabinet	Galvanized steel sheet with tubular steel frame		
Paint Finish	Primer and electrostatic baked epoxy powder coating or air-dry (depends on the model)		
Maximum Operating Altitude (mamsl)	3,000		
Operational Temperature (°C)	0 - 40		
Relative Humidity	0 - 95% without condensation		
Dimensions, height x width x depth (mm)	1575 x 1570 x 802	2360 x 2290 x 1330	
Weight (kg)	892	1052	1672
Technology			
High Frequency Noise Protection	PI Filter		
Control Technology	Microcontroller		
Monitoring (Operational Status)	Display with LEDs / Ethernet (optional)		
Measurement Parameters	Voltage, current, power, frequency, power factor		
Electronic Conmutation	TRIACs or SCRs (depends on the model)		
Electrical			
Regulation	Line-Line & Line-Neutral		
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