

## 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)
- Manual Maintenance Bypass
- Digital Display with LEDs
- 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)

## Applications

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

## Optional

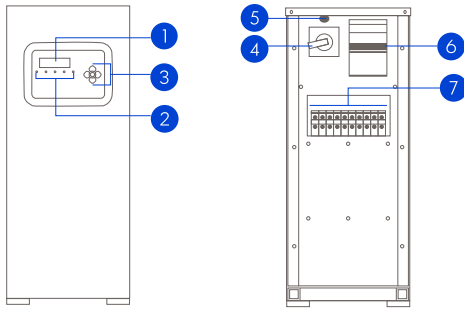
- 7" Touch Screen
- Current Measurement
- Paralleling by Capacity
- Transformer for Compatibility Between Electrical Standards

## Solves the Following Power Quality Issues

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



# AMCR G3 23300 Specs



- 1 Digital Display Indicator
- 2 LED Indicators
- 3 Navigation Buttons
- 4 Supply Breaker Switch
- 5 RJ45 Port (ethernet)
- 6 "On" Switch
- 7 Input/Output Terminal Connection Block

Model AMCR G3	2306	2310	2315	2320	2330
<b>Input</b>					
Capacity (kVA / kW)	6 / 6	10 / 10	15 / 15	20 / 20	30 / 30
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/ 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				
<b>Output</b>					
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 **				
<b>Physical</b>					
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 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)	668 x 270 x 629				
Weight (kg)	45	47.2	62.5		80.1
<b>Technology</b>					
High Frequency Noise Protection	PI Filter				
Control Technology	Microcontroller				
Monitoring (Operational Status)	Display with LEDs / Ethernet (optional)				
Measurement Parameters	Optional: voltage, current, power, frequency, power factor				
Electronic Conmutation	TRIACs				
<b>Electrical</b>					
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 up to 6 kVA 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