Industronic
Energy in Evolution

AMCR G3 23000

Power Conditioner
Three Phase, 150 ~ 200 kVA

10
Year
Warranty

Features

- ± 2% Voltage Regulation
- ± 15% Accepted Input Voltage Range
- Overload Capacity up to 400% on Intermittent Startups
- Smart Overload Protection (SOP)
- Surge Supressor Included
- Automatic Shut Off
- 99% Efficiency
- Event History
- Correction Time: 8 Milliseconds
- Real-time Ethernet Monitoring
- Bypass Switch for Maintenance
- 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

- Voltage Swells
- Voltage Sags
- Sustained High Voltage
- Sustained Low Voltage
- Electrical Noise
- Voltage Spikes

Applications

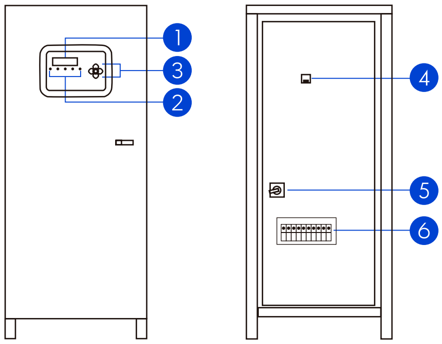
- Computer Equipment
- Medical and Laboratory Equipment
- Audiovisual Equipment
- Telecommunications
- Printers and Plotters
- Lighting Systems
- Robotics
- Automated Assembly Lines
- CNC Machines

Optional

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

HECHO EN MÉXICO
ISO 9001:2015
TÜV SÜD

AMCR G3 2300 Specs



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

Model: AMCR G3	23150	23200	23150	23200
Input				
Capacity (kVA / kW)	150 / 150	200 / 200	150 / 150	200 / 200
Input Voltage (V)	110 / 190, 115 / 200, 120 / 208, 127 / 220		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	Automatic shut off by contactor or Power relay (depends on the model)			
Correction Time	8.3 milliseconds, 1/2 cycle (Inmadiate)			
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 transformer steel			
Cooling & Ventilation	Natural convection			
Cabinet	Galvanized steel sheet with tubular steel frame			
Cabinet Finish	Primer base and epoxic powder coat paint baked			
Maximum Operating Altitude (mamsl)	3,000			
Operational Temperature (°C)	0 ~ 40			
Relative Humidity	0 ~ 95% without condensation			
Dimensions, height x width x depth (mm)	1730 x 790 x 1060	1750 x 1570 x 820	1730 x 790 x 1060	
Weight (kg)	560	857	560	857
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