

Energy Saving Power Quality Conditioners

dKVAR - Power Electronics

PFC 3-Ph/3-Wire/415VAC, 50-200 KVAR* Stackable

Models: EE-110 / EE-111 Series



FEATURES

- Standard 19 Inch Rack with 50KVAR stackable Modules
- Semiconductor switching for fast response <250ms
- High Reliability Aluminium Self-Healing AC Capacitors
- Digital Capacitor array for High Resolution PF tracking
- Single Flexible Utility Grade snap-on Rogowski CT
- 50-100 KVAR in 50KVAR Modules –Half Rack
- 50-200 KVAR in 50KVAR Modules – Full Rack
- Automatically corrects low Power Factor “Real-time”
- Intelligent software control
- Power Electronic Modules
- Harmonics protected
- EMI Electrical Noise Suppression Networks
- Approval Mark : RCM Mark
- Line Surge protected - IEC 61000-4-5 to 10KV/40KA
- Compliant to AS/NZS 60335.1:2011 + A1 – A2
- Power Quality Data Monitoring, Control, Alarms over Internet, USB, RS485 (optional), Ethernet/LAN
- AFLC Ripple Signal Compatible K22



DESCRIPTION

The Power Quality Conditioner is a Digital Capacitor array Software controlled Power Electronics KVAR corrector. Its fast response <250ms and high digital resolution allows optimum Power Factor real time tracking. Ideal for Induction motor start up. The standard 19 inch Rack allows multiple stackable 50KVAR Modules with full communication options for full Power Quality Data, Monitoring, Control, and Alarms. Capacitors are high reliability Aluminium Self-Healing with internal overpressure disconnect. Current Transformer (CT) single flexible Utility Grade snap-on Rogowski CT covers the full range 50-200 KVAR.

Key Features	
Voltage	415 VAC 3-ph 3-Wire Delta
Controller Voltage	230 VAC 3-ph 4-Wire Controller with Neutral
VAR Rating	Three phase (incl. L1/L2/L3) – 50 - 200 KVAR*
Frequency	50Hz
Lighting Strike	Power line surge protected to 10KV per IEC61000-4-5
Operating Temperature Range	-10 to 45°C Ambient
Ingression Grade	IP 43 Indoor Installation
Max. Humidity	95% (Non Condensing)
Patents	Patents Pending

* Total L1 / L2 / L3 3-Ph KVAR

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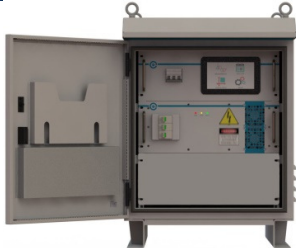
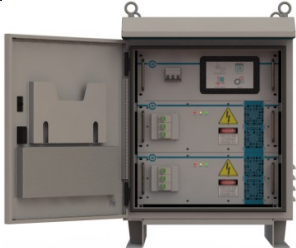
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SPECIFICATIONS

Part No.	EE-110-0500-001		EE-110-1000-001	
Half Rack				
KVAR	50 KVAR		100 KVAR	
CT	<i>EE-500-0020: Ø120mm Rogowski CT, ship with unit</i> <i>EE-500-0021: Ø190mm Rogowski CT, option available</i>			
Dimension	H78.60 X W58.4 X D80cm			
Weight			100 Kg	

Part No.	EE-111-0500-001	EE-111-1000-001	EE-111-1500-001	EE-111-2000-001
Full Rack				
KVAR	50 KVAR	100 KVAR	150 KVAR	200 KVAR
CT	<i>EE-500-0020: Ø120mm Rogowski CT, ship with unit</i> <i>EE-500-0021: Ø190mm Rogowski CT, option available</i>			
Dimension	H114.10 X W58.4 X D80cm			
Weight			220 Kg	

Contact

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