



Cetronic Power Solutions Ltd

Unit 5, Optima Business Park,
Pindar Road, Hoddesdon, Herts.
EN11 0DY, United Kingdom
Tel: +44 (0)1920 871077
Fax: +44 (0)1920 871337
E-mail: sales@cetronicpower.com

ISO 9001 CERTIFIED ORGANIZATION



**True On-Line (double conversion) Uninterruptible Power Supply
Complete with integral static and manual bypass switch**

Advanced Multi-Module

40KVA to 80KVA

Three Phase Input / Three Phase Output



- On-line double conversion
- Static and manual bypass
- Input power factor >0.95
- IGBT power electronics
- Parallel and redundant operation
- LCD screen
- Superior battery management
- 50Hz or 60Hz operation
- Wide input voltage range
- Programmable output
- Various battery options
- Mimic panel indication
- RS-232 and contact interfaces
- SNMP communication options
- Free software

ECONOMY MODE
increases efficiency to 98%

Specification

MODEL	AMM 40-33	AMM 60-33	AMM 80-33
Rated Power (VA)	40000	60000	80000
Power (W)	32000	48000	64000

INPUT			
Nominal Input Voltage	400 Vac three-phase with Neutral		
Voltage Range (@ full load)	± 20%		
Frequency	45 - 65Hz		
Power Factor	>0.95		
Input Current Distortion	≤27%		
Maximum Input Current	66A	100A	133A

BYPASS			
Nominal Voltage	400V three-phase		
Voltage Range	from ± 5% to ± 25% selectable		
Nominal Frequency	50/60Hz		
Frequency Range	from ± 1% to ± 5% selectable		
Nominal Current	58A	87A	116A

BATTERIES	
Type	Sealed lead acid, maintenance free
Recharge Time	4-8 hours

INVERTER OUTPUT	
Nominal Output Voltage	380-400-415V three-phase
Static Stability	± 1%
Dynamic Stability	± 5% in 10mS
Waveform	Sinewave
Harmonic Distortion with linear load	2%
Harmonic Distortion with non-linear load	5%
Crest Factor	3:1
<i>Overload Capability:</i>	
100% < Load < 125%	> 10 minutes
125% < Load < 150%	> 1 minute
150% < Load < 200%	> 7 seconds

COMMUNICATIONS INTERFACES	
RS-232 and Opto-Isolated Contacts	YES
SNMP Solution	OPTIONAL (plug-in card)
Emergency Power Off (EPO)	YES

ENVIRONMENT			
Operating Temperature	0 - 40°C (15 - 25°C recommended for batteries)		
Relative Humidity	95% non-condensing		
Heat Dissipation (full load)	2800W	4200W	5600W

GENERAL DATA			
Colour	Dark Grey		
Audible Noise	<56dBA		<60dBA
Enclosure Protection	IP20		
Compliance	EN62040-1 Directive 73/23/EEC and 93/68/EEC EN50091-2 cl. A. Directive 89/336/EEC		

WEIGHTS AND DIMENSIONS			
Weight (kg)	180	200	220
Dimensions (hwd) (mm)	1400x500x740		

Specifications are subject to change without prior notice.

Optional Extras

- SNMP Network Interface Card
- External Manual Bypass Switch
- Remote Alarm Panel
- Galvanic Isolation Transformers
- Separate Bypass Input Supply
- Parallel/Redundant Operation
- Extended Battery Back-Up Times
- Other Input and Output Voltages
- Service and Maintenance Plans
- Relay Card (volt-free contacts)

Key

- A) EPO Connector
- B) Remote (Opto-isolated contacts)
- C) RS-232 Port 1
- D) RS-232 Port 2
- E) Card Slot (SNMP/Contacts)

FRONT VIEW (40-80 kVA)

