



AMAZON



On - Line, 80-800 kVA Three phase in - Three phase out

The Amazon Series presents complete power protection solution against power failures, voltage distortions, frequency fluctuations, voltage surges, interference and voltage drops for demanding industrial and medical applications, data processing and much more. True on-line, double conversion technology of the Amazon Series UPS ensures trouble free, reliable operation of valuable equipment and critical load by maintaining precise and pure sine-wave output. Rugged IGBT technology provides high current capability and protects the system against high instantaneous overloads which improves the reliability even more. System reliability may be further enhanced by connecting up to six Amazon modules in parallel redundant configuration. RS-232 communications port and voltage free contacts are standard. With optional software, these provide orderly shutdown, direct system monitoring and network-wide administration through a SNMP interface, thus permitting monitoring from local or remote locations. Amazon maximizes battery life by optional temperature compensated charging and automatic battery testing & diagnostics. Built-in Maintenance Bypass (MBP) of Amazon prevents load interruptions during service and maintenance, and also eliminates the need to use an external cabinet.

Features:

- Reliable, true on-line protection
- Double conversion technology
- Expandable battery backup
- Computer & network interface
- Parallel redundant operation up to six units
- 12 pulse rectifier option
- In-depth UPS & Battery diagnostics
- Built-in maintenance bypass
- Rugged IGBT technology
- Automatic battery testing
- Energy saving Eco-mode

Uninterruptible Power Supply

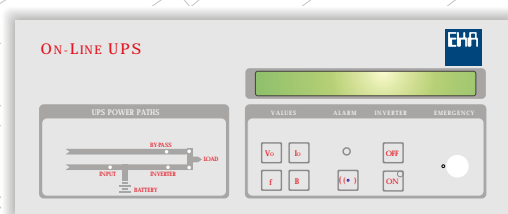
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TECHNICAL SPECIFICATIONS



MODEL/RATING (kVA)	80 - 120 - 160 - 200 - 300 - 400 - 500 - 600 - 800					
POWER FACTOR	0.8					
INPUT						
	Voltage	380, 400, 415 Vac, 3 - Phase				
	Voltage Tolerance	±15%				
	Frequency	50 / 60 Hz.				
	Frequency Tolerance	±5%				
	Power Walk-In	10 sec.				
	Power Factor	>0.8 standard, >0.9 with optional harmonic filter				
BATTERY						
	Number of Cells	192 for 380 V, 198 for 400 V, 204 for 415 V				
	Recharge Capacity (-5 hours)	90% (if fully discharged)				
	Cut-off Voltage	1.67 volt / cell				
OUTPUT						
	Voltage	380, 400, 415 Vac, 3- Phase				
	Voltage Regulation	±%1				
	Frequency	50 / 60 Hz.				
	Frequency Synchronization	±1% or ±9% prog.				
	Free Running	±0.02% Hz.				
	Voltage Distortion	<1% THD for linear loads, <3% for non-linear loads				
	Dynamic Response	±5% at 100% load change response time <20msec.				
	Crest Factor	3:1				
	Overload	110% 60 min, 125% for 10 min, 150% for 60 sec, 200% for 1 phase for 30 sec.				
EFFICIENCY	>92%					
STATUS MONITORING & CONTROL	Built-in Maintenance Bypass Switch, Monitoring panel with alphanumeric LCD Battery overvoltage and short circuit protection, 5 LED UPS mimic diagram, 3 status indicator LEDs, Audible alarm with silencer button					
ENVIRONMENTAL						
	Audible Noise (@ 1 m.)	63	65	69	75	77
	Operating Temperature	0°C +40°C				
	Relative Humidity	5% - 95% (Non-condensing)				
	Ventilation	Forced cooling monitored by microprocessor				
STANDARDS						
	EMC	EN50091 - 2				
	Safety	EN50091 - 1 - 1				
	Performance & Test Protection	ENV50091 - 3 IP20				
DIMENSIONS		MZ 580	MZ 5120	MZ 5200	MZ 5300	MZ 5400
	WxDxH (mm)	900x875x1900	1250x875x1900	1250x875x1900	1640x875x1900	2460x875x1900
WEIGHT						
	Without Batteries (kg.)	750	1000	1350	1850	2390
OPTIONS	External Battery Cabinets, Remote Alarm Panel, SNMP Interface, Shutdown Software, Modem, 12 Pulse Rectifier, Parallel Redundancy					

All specifications subject to change without notice. Consult EKA's technical support department for special applications. All names used above are registered trademarks of their respective owners.



FRONT PANEL

Uninterruptible Power Supply



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