

BA 3I Series

10 - 15 kVA

- Online IGBT based PWM rectifier & inverter Technology
- Microprocessor controlled
- Dynamically wide input voltage range
- Increased power factor (0.99)
- Static & Manual By-pass operation
- Intelligent battery management
- Adjustable charging current / charging period
- Battery discharge control
- Back-up time display
- Temperature compensated battery charging
- Automatic and manual battery test
- Adjustable output frequency: 50/60 Hz or Automatic sensing
- 255 slots of warnings and operational status
- Ambient temperature, date & time display
- Programmable voltage free dry contacts
- Customizable as frequency converter
- Multi-communication properties
- RS232/RS485 Protocol
- Modem connection
- SNMP/Web/Telnet compatible
- Overload and short-circuit protection
- Developed and multi-lingual LCD panel
- Expandable battery run time upto several hours
- Intelligent fan speed control: increases fans life expectancy and reduce audible noise.
- Small footprint and easy maintenance access



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UNINTERRUPTIBLE POWER SUPPLY

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TECHNICAL SPECIFICATIONS

Model	BA Series 3 I		
Capacity	10 kVA	12 kVA	15 kVA
INPUT DATA			
Voltage	3 x 380 / 220 V + N, 3 x 400 / 230 V + N, 3 x 415 / 240 V + N		
Voltage Tolerance	±20%		
Frequency	50/60 Hz 10%		
Power Factor	0.99		
Total Harmonic Distortion	<5%		
OUTPUT DATA			
Voltage	220 V + N, 230 V + N, 240 V+ N (Single Phase) /		
Output Voltage regulation	±1% static, ±3% dynamic at 100% load change, 2 ms recovery time		
Frequency	50/60 Hz		
Frequency Tolreance	±0.1 % (Auto-synchronised), ±1 % (Synchronized with the mains)		
Power Factor	0.7		
Total Harmonic Distortion	<2% linear, <5% non-linear		
Load Crest Factor	3:1		
Overload	125% rated load for 15 min, 150% rated load for 1 min.		
GENERAL DATA			
Topology	On-Line, Double conversion		
Type of Protection	IP21		
Standards	EN 5009-1 (Safety), EN 50091-2 (EMC)		
Overall Efficiency (On-Line mode)	up to 94% *		
Efficiency ECO Mode	98%		
Static and Maintenance By-pass	Standard		
PHYSICAL DATA			
Ambient Temperature	0°C to 40°C		
Relative Humidity	0% to 95% (Noncondensing)		
Noise Level <dB (A)	<55	<60	<67
Operation Altitude	1000 m		
Color	RAL 7035		
Dimension Without Battery (WxHxD) mm	255x710x640		
Weight Without Battery (kg)	50		
MONITORING AND CONTROL DATA			
Power Management Display (PMD)	With LCD, Mimic		
Communication Facilities	Serial RS 232 / RS 485/422 / Modem / SNMP / Jbus / Modbus / Canbus		
Communication Port (Dry Port)	Volt - Programmable Free Contacts		
SNMP	SNMP Universe Software		
Control and Monitoring Software	EPC (Enel Power Controller)		
STATIC BY-PASS			
Input	220/230/240		
Transfer Time	0 sec.		
Power	150%		
Protection	Fuse		
BATTERY DATA			
Battery Type	Dry, Maintenance - free		
Charging Current	Adjustable		
Battery Test	Automatic / Manual		
Back-up Time	Adjustable		

ELEN reserves the right to make any changes to data without prior notice.
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¹According to power

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BA Series



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For more product information please contact.