

AS Series

5 - 12 kVA

- True online double conversion design
- High input power factor (0.99)
- Three level inverter technology
- High efficiency ($\leq 94\%$)
- Wide input voltage range ($\pm 25\%$ of nominal)
- Charger unit available for longer backup time
- LCD display front panel
- Fully digitized micro processor controlled
- 50/60 Hz frequency autosense
- Fault history record of power failure events
- Smart fan control
- Lightning and surge protection
- Short circuit and overload protection
- Battery power and load display
- Static and maintenance bypass
- Generator compatible
- SNMP management capability (optional)
- RS232 communication port



ELEN

UNINTERRUPTIBLE POWER SUPPLY

www.enelpower.com

TECHNICAL SPECIFICATIONS

Model	AS Series				
Capacity	5 kVA	6 kVA	8 kVA	10 kVA	12 kVA
INPUT					
Voltage	220 / 230 / 240V + N, 1 Phase + N				
Voltage Tolerance	± 20% at full load				
Frequency	50/60 Hz				
Frequency Range	±10%				
Power Factor	≥0.99 (Full load)				
OUTPUT					
Voltage	220 / 230 / 240V + (Adjustable)				
Voltage Tolerance	±1% (static), +5% dynamic at 100% load change				
Frequency	50/60 Hz				
Frequency Tolerance	±0.1 % (Auto-synchronized), ±1% (Synchronized with the mains)				
Power Factor	0.7				
Total Harmonic Distortion (THD)	<2% (At linear load), <5% (non-linear load)				
Load Crest Factor	3:1				
Overload	125% rated load for 15 min. 150% rated load for 1 min.				
GENERAL					
Topology	On-line, Double conversion with SWPM controlled IGBT rectifier and inverter				
Control	Microcontroller				
Type of Protection	IP20				
Standards	EN 50091-1 / EN 62040-1 (Safety), EN 50091-2 / EN 62040-2 (EMC)				
Efficiency	>91% (On-line mode) ¹				
Static & Maintenance By-pass	Standard				
MONITORING AND CONTROL					
Power Management Display (PMD)	LCD screen, Mimic diagram				
Communication Port (Smart Port)	RS 232				
Communication Port (Dry Port)	Free contacts				
Advance Communication	SNMP (Optional)				
Control and Monitoring Software	EPC (Enel Power Controller), SNMP Inverse Software				
PHYSICAL					
Ambient Temperature	0°C - 40°C				
Relative Humidity	0% - 95% (Noncondensing)				
Noise Level <dB (A) (1m.)	<55				
Operation Altitude (m)	2000 m.				
Color	RAL 7012				
Dimensions					
Without Battery (WxHxD) mm	255x630x550			255x650x700	
Weight Without Battery (kg)	28			32	

ELEN reserves the right to make any changes to data without prior notice.
(A Subsidiary of ENEL)

¹According to power

ELEN

UNINTERRUPTIBLE POWER SUPPLY

AS Series



CE



For more product information please contact.