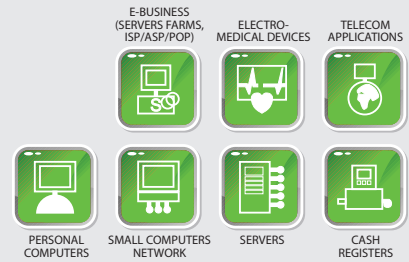


AL Series UPS

2-3 KVA | single phase



"Online" "Power Factor Correction"

RELIABLE & USER FRIENDLY

- 🌀 19.2kHz SPWM inverter
- 🌀 High input PF (≥ 0.99)
- 🌀 Low output voltage THD ($< 2\%$)
- 🌀 Wide input voltage tolerances ($\pm 25\%$)
- 🌀 Compatible with different load types
- 🌀 Reduced weight/volume/footprint
- 🌀 Cold start
- 🌀 Energy-saving sleep mode
- 🌀 Overload, short circuit, lightning and surge protection
- 🌀 Generator compatibility
- 🌀 Extended battery life with intelligent battery management
- 🌀 Extra charger and battery cabinet for longer back-up time
- 🌀 Automatic battery test
- 🌀 LCD interface and LED operation mode indicator
- 🌀 Remote monitoring panel (optional)
- 🌀 Remote emergency power off (EPO)
- 🌀 128 event log
- 🌀 Battery capacity and load percentage display
- 🌀 SNMP (optional) and RS232 communication
- 🌀 Remote monitoring and management software
- 🌀 Dry contacts
- 🌀 Smart fan control
- 🌀 Internal battery
- 🌀 Easy installation and maintenance
- 🌀 10 years spare part warranty
- 🌀 7/24 technical support and customer service

STANDARDS

- 🌀 EN 62040-1 (Safety), EN 62040-2 (EMC)
- 🌀 TSEK, CE, ISO 9001:2008, ISO 14001, KEMA, GOST



AL Series UPS single phase

2-3 KVA

TECHNICAL SPECIFICATIONS	AL Series				
Power (KVA)	2		3		
INPUT					
Voltage	220 / 230 / 240 Vac 1ph + N				
Voltage tolerances	± 25% (without downgrading)				
Frequency	50 / 60 Hz				
Frequency tolerances	± 10%				
Power factor	≥ 0.99				
OUTPUT					
Voltage	220 / 230 / 240 Vac 1ph + N				
Voltage tolerances	± 1% (static load), dynamic load in accordance with VFI-SS-11				
Frequency	50 / 60 Hz				
Frequency tolerances	± 0.1% (self-synchronize), ± 1% (mains-synchronize)				
Power factor	0.7				
THD _v	≤ 2% (linear load), ≤ 5% (non-linear load)				
Crest factor	3:1				
OVERLOAD CAPACITY					
110%	Normal mode continuously				
125%	60 sec.				
150%	10 sec.				
> 150%	3 sec.				
EFFICIENCY					
Online	up to 92%				
GENERAL					
Technology	True online-double conversion, PFC				
Control	Microprocessor, SPWM				
Communication	SNMP, RS232, Remote monitoring panel				
Remote monitoring	SNMPView, UPSilon				
Dry contacts	Battery mode, Battery low				
Cold start	Standard				
ENVIRONMENT					
Operating temperature	from 0 °C up to +40 °C (from 20 °C to 25 °C for maximum battery life)				
Relative humidity	0% - 85% (without condensation)				
Maximum altitude	1000 m (without downgrading), max. 2000 m				
Noise level	< 45 dB (A)				
UPS CABINET					
Dimensions (W x D x H) (mm)	195 x 460 x 380				
Weight (kg)	14		15		
Degree of protection	IP20				
Colour	RAL7012				
Internal battery quantity	6		8		
Internal battery capacity (Ah)	4,5-7-9				
BATTERY CABINET					
Battery quantity	6	12	18	8	16
Battery capacity (Ah)	7		9	7	9
STANDARDS					
Certificates	EN 62040-1 (Safety), EN 62040-2 (EMC)				
UPS LIFETIME					
10 YEARS					

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

Update:14/12/2011



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