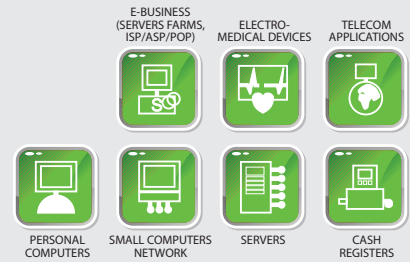


AL Series Rack UPS

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 Rack UPS single phase

2-3 KVA

TECHNICAL SPECIFICATIONS	AL Rack 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	≤ 3% (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)	482 (19") x 462 x 175 (4U)				
Weight (kg)	14		17		
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				
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:15/12/2011



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