

AC/DC[®] UPS

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UPSon AL Series Uninterruptible Power Supplies True Online 1 Phase Input - 1 Phase Output



%92
Efficiency

- * Power Factor Correction
- * Online System

2 - 3 kVA

RELIABLE & USER FRIENDLY

- Online Double Conversion
- Power Factor Correction (PFC)
- High input Power Factor ($\geq 0,99$)
- Lightning and Surge Protection
- Short Circuit and Overload Protection
- Wide input voltage tolerances ($\pm 25\%$)
 - 19.2 kHz SPWM inverter
 - Energy - saving sleep mode
- Remote emergency power off (EPO)
- LCD interface and LED operation mode indicator
 - Low output voltage THD ($<2\%$)
 - Automatic battery test
- Extended battery life with intelligent battery management
 - Compatible with different load types
 - Battery capacity and load percentage display
- SNMP (optional) and RS232 communication
 - Generator compatibility
 - 128 event log
 - Cold start
 - Dry contacts
 - Internal battery
 - Smart fan control
- Easy installation and maintenance
- Reduced weight / volume / footprint
- Remote monitoring panel and management software (optional)
- Extra charger and battery cabinet for longer back - up time

TÜV
AUSTRIA
HELLAS
EN ISO 9001:2008

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

Your Positive Energy source ...

MODEL	UPSon AL Serisi					
Power	2 kVA			3 kVA		
INPUT						
Voltage	220 / 230 / 240 VAC ; 1 ph + N					
Voltage tolerances	± %25 (without downgrading)					
Frequency	50 / 60 Hz ± %10					
Power factor	≥ 0,99					
OUTPUT						
Voltage	220 / 230 / 240 VAC ; 1 ph + 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	30 min.					
≤ %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 (optional) , RS232					
Remote monitoring	SNMPView, UPSilon, Remote monitoring panel (optional)					
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	≤ 2000 m					
Noise level	< 45 dB (A)					
UPS CABINET						
Dimensions (Wx D x H) (mm)	195 x 460 x 380					
Weight (kg)	14			15		
Degree of protection	IP20 (Optional IP23 or IP54)					
Color	RAL7012					
Internal battery quantity	6			8		
Internal battery capacity (Ah)	4,5 - 7 - 9					
BATTERY CABINET						
Battery quantity	6	12	18	8	16	24
Battery quantity (Ah)	7 - 9			7 - 9		
STANDARDS						
Certificates	EN 62040-1 (Safety) , EN 62040-2 (EMC)					
UPS LIFETIME	5 YEARS					

*** AC/DC reserves the right to make any changes to data without prior notice.

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