

AC/DC[®] UPS

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



6 - 10 kVA



- * Power Factor Correction
- * Three Level Inverter

NEW TECHNOLOGY

- High and stable online efficiency (up to 94%)
 - Three level inverter
- Short response time (<2ms)
- Low input current THD (<5%)
- Low output voltage THD (<2%)
- High input and output performance
 - High input PF (≥ 0.99)

RELIABLE & USER FRIENDLY

- Wide input voltage tolerances ($\pm 25\%$)
 - Cold start
- Short circuit, lightning and surge protection
- Extended battery life with intelligent battery management
 - Battery capacity, load percentage display
 - Remote emergency power off (EPO)
 - 1 - 5A adjustable charger (optional)
 - Energy - saving sleep mode
 - 128 event log
 - Generator compatibility
 - Smart fan control
 - Automatic battery test
 - Dry contacts
 - Easy maintenance
- Short return on investment time
 - Internal battery
 - Low investment and operation cost
 - Reduced weight / volume / footprint
- Remote monitoring panel and management software (optional)
 - SNMP (optional) and RS232 communication
 - LCD interface and LED operation mode diagram

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 AS Series					
	6 kVA		10 kVA		15 kVA	
INPUT						
Voltage	220 / 230 / 240 VAC ; 1 ph + N					
Voltage tolerances	-%25, +%20 (without downgrading)					
Frequency	50 / 60 Hz \pm %10					
Power factor	\geq 0,99					
THD _v	< %5					
OUTPUT						
Voltage	220 / 230 / 240 VAC ; 1 ph + N					
Voltage tolerances	\pm %1 (static load) , dynamic load in accordance with VFI-SS-11					
Frequency	50 / 60 Hz					
Frequency tolerances	\pm %0,1 (self-synchronize) , \pm %1(mains-synchronize)					
Power factor	0,7 (0,8 optional)					
THD _v	\leq %2 (linear load) , \leq %5 (non-linear load)					
Crest factor	3:1					
OVERLOAD CAPACITY						
\leq %110			30 min			
\leq %130			60 sec.			
\leq %150			10 sec.			
\leq %160			3 sec.			
EFFICIENCY						
Online	up to 94%					
GENERAL						
Technology	True online-double conversion, Tree level inverter, PFC					
Control	Microprocessor, SPWM					
Communication	SNMP (optional) , RS232					
Remote monitoring	SNMPView, UPSilon, Remote monitoring panel (optional)					
Dry contacts	Battery mode, Battery low					
Custom inputs	Remote EPO					
Cold start	Standard					
Maintenance bypass	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	\leq 2000 m					
Noise level	< 40 dB (A)		< 45 dB (A)		< 45 dB (A)	
UPS CABINET						
Dimensions (W x D x H) (mm)	255 x 640 x 545		255 x 660 x 710		255 x 670 x 740	
Weight (kg)	29		35		40	
Degree of protection	IP20 (Optional IP23 or IP54)					
Color	RAL7012					
Internal battery quantity	14	20	20	30	20	30
Internal battery capacity (Ah)	7 - 9					
BATTERY CABINET						
Battery quantity	20 - 40 - 60		20 - 30 - 60		20 - 30 - 60	
Battery quantity (Ah)	7 - 9		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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