

AC/DC[®] UPS

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UPSon BA Series Uninterruptible Power Supplies True Online 3 Phase Input - 1 Phase Output



10 - 15 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 output voltage THD (<2%)
- High input and output performance
- High input PF (≥ 0.95)

RELIABLE & USER FRIENDLY

- Wide input voltage tolerances (-25%, +20%)
- Short circuit, lightning and surge protection
- Cold start
- Extended battery life with intelligent battery management
- Battery capacity and load percentage display
- 1 - 5A adjustable charger (optional)
- LCD interface and LED operation mode indicator
- Remote emergency power off (EPO)
- Energy - saving sleep mode
- 128 event log
- Generator compatibility
- Smart fan control
- Automatic battery test
- Dry contacts
- Internal battery
- Reduced weight / volume / footprint
- Short return on investment time
- Low investment and operation cost
- Remote monitoring panel and management software (optional)
- SNMP (optional) and RS232 communication

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 BA Series			
Power	10 kVA		15 kVA	
INPUT				
Voltage	380 / 400 / 415 VAC ; 3 ph + N			
Voltage tolerances	-%25, +%20 (without downgrading)			
Frequency	50 / 60 Hz \pm %10			
Power factor	\geq 0,95			
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			
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, Remote monitoring panel (optionel)			
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	< 45 dB (A)			
UPS CABINET				
Dimensions (Wx D x H) (mm)	255 x 660 x 710			
Weight (kg)	44		49	
Degree of protection	IP20 (Optional IP23 or IP54)			
Color	RAL7012			
Internal battery quantity	20 - 30		20 - 30	
Internal battery capacity (Ah)	7 - 9			
BATTERY CABINET				
Battery quantity	30	60	30	60
Battery quantity (Ah)	7 - 9 - 12	7 - 9	7 - 9 - 12	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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