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## Power+ SA UPS

### Three phase standalone

208 Vac | 120 Vac



### 10kVA / 8kW

- True online battery, double conversion
- Lightweight and compact
- Remote management and monitoring
- Flexible, available in 3/3, 2/2
- AC/AC efficiency 94%
- THDi <5%

# Power+ SA UPS

## Technical specifications

POWER+SA UPS	3X208V+N	2X120V+N
Topology	True online battery, double conversion	
Operation	10kVA/8kW	7.5kVA/6kW
<b>INPUT</b>	<b>3 PHASE+N</b>	<b>2 PHASE+N</b>
Voltage	3x208V+N	2x120V+N
Voltage range	-25% ÷ +15%@80%load; ±15%@100%load	
Current	28A max. per phase, no inrush current at startup	
Frequency	45 ÷ 65Hz	
Power Walk-In	>60 sec	
Input Power Factor	0.99	
Input THDI	<5%	
<b>OUTPUT</b>	<b>3 PHASE+N</b>	<b>2 PHASE+N</b>
Rated power	10kVA/8kW	7.5kVA/6kW
Frequency tracking range	±3Hz	
Slew Rate	1Hz/sec	
Voltage	3x208V+N	2x120V+N
Static Regulation	±1 %	
Regulation for Unbalanced Load	±1 for 100 % unbalanced load	
Dynamic response to 100 % load step	2%	
Overload	110 % : 10 min, 125 % : 60 sec, 1000 % for 1 cycle	
Waveform	Sinusoidal	
THD	Less than 2% for linear load	
DC/AC efficiency	up to 97%	
AC/AC efficiency	up to 94%	
<b>STATIC SWITCH (bypass)</b>		
Input Connection	Dual Feed	
<b>GENERAL</b>		
Ambient Temperature	14°F to 104°F(operating); -4°F to +140°F(storage)	
Relative Humidity	95% max non-condensation	
Enclosure	IP20	
Cooling System	Multi-fan with speed control (forced)	
Acoustic Noise (Full load)@1.5m distance	51dBA	
Dimensions(HxWxD) (in / cm)	21.3x3.6x23.7 / 54x9x60	
Weight (electronic cabinet)	49 lbs / 22kg	
<b>COMMUNICATION</b>		
RS232	yes	
Alarm-Shutdown Monitor	yes	
SNMP - G5	option	
<b>LCD DATA</b>		
Input	Voltage, Frequency, Current	
Output	Voltage, Frequency, Current	
Batteries	Voltage	
Log(events memory)	Last 200 Events	
<b>STANDARDS</b>		
EMC Emission	IEC 62040-2; FCC PART 15-B	
Safety	UL 1778, IEC 62040-1	
Design	IEC 62040-3	
Low Magnetic field Radiation	EMF as per ICNIRP	

All specifications are under nominal conditions.

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