

Power+ Protection Power+ Benefits

- 94% AC-AC efficiency conserves power and generates less heat than competitive UPS models
- Wide input voltage window (-25% to +15%) ensures output power remains continuous regardless of input fluctuations without using the battery
- Compact, lightweight unit measures just 3.5 inches wide and weighs 46 lbs.
- Low noise, low magnetic radiation
- Input neutral required during all modes of operation
- Full 2-year warranty on UPS and battery

Gamatronic Power+ SA

Three-phase 10kVA/8KW Online Uninterruptible Power Systems

Delivering the highest level of power protection with its double-conversion, online design, the **Power+ SA3** Uninterruptible Power System (UPS) from **Gamatronic** offers an extremely cost-effective solution to protect critical electronic equipment.

The **Power+ SA3** offers a high efficiency rating of 94% to preserve power and generate less heat than other UPSs. Generator compatibility is enhanced by the unit's low input current distortion, wide input voltage window, and rectifier power walk-in. Furthermore, the compact, lightweight design of the **Power+ SA3** delivers efficient, reliable power protection in a package which measures just 3.5 inches wide and weighs only 46 lbs., making it an ideal solution for a wide range of applications.



For increased flexibility, a variety of options are available for the **Power+ SA3**, including:

- External Maintenance Bypass
- On-Site and Extended Service Plans
- Extended Runtime Battery Cabinets
- SNMP/Web Card (External Type)



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Efficient. Reliable. Cost-effective. Flexible.

Power+ SA Three Phase Technical Specifications

Model	SA3
Topology	Online Double Conversion
Phase (input/output)	3/3
Input	
Voltage	208V Three Phase
Wiring	L1, L2, L3, N
Current	23.6
Voltage Range	-25% to +15%
Power Walk In	> 60 seconds
Input Power Factor	0.99
Output	
Voltage	208V 3 Phase
Wiring	L1, L2, L3, N
Current	27.8 Amps per Phase
Output Power	10kVA/8KW
Overload	1000% for 1 cycle
Frequency Tracking Range	60Hz +/-2Hz
Slew Rate	1Hz/sec
Static Regulation	+/-1%
Regulation for Unbalanced Load	+/-1% for 100% Unbalanced load
Dynamic Response to 100% Step Load	2%
Waveform	Sinusoidal
THD	Less than 2% for linear load
Load Crest Factor (Max)	4:1
Efficiency (Nominal)	DC/AC 96%, AC/AC 94%
Internal Bypass	
Type	Static Switch with Wrap Around Contacts
Input Connection	Separate Bypass Input Available with Removal of Jumper
General	
Maximum Heat Dissipation	1740 BTUH
Ambient Temperature	14°F to 104°F (operating), -4°F to 140°F (storage)
Relative Humidity	95% max non-condensation
Acoustic Noise (Full Load) @ 1.5M	51 dBA
UPS Dimensions (HxWxD)	21.25" x 3.5" x 23.6"
UPS Weight	46 lbs Net; 62 lbs Shipping
Communication	
RS232	Yes
Alarm-Shutdown Monitor	Yes
EPO	Not Available
SNMP	Optional
LCD Data	
Input/Output	Voltage, Frequency, Current
Battery	Voltage
Log (events memory)	Last 200 Events
Standards	
EMC Emission	IEC62040-2; FCC part 15/8
Safety	UL 1778; IEC62040-1-1
Matching Battery Cabinet	
Battery Type	(32) EnerSys NPX-35FR, 32 x 9AH/12V (or equal)
Battery Dimensions (HxWxD)	21.25" x 10.25" x 23.6"
Battery Weight	220 lbs Net; 260 lbs Shipping



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Matching Battery Runtimes

8kW	11 Minutes
6kW	16 Minutes
4kW	28 Minutes
2kW	50 Minutes