



GAMATRONIC

A SolarEdge Division



POWER+ SA 10kVA

- On-Line double conversion
- Lightweight and compact design
- True on-line batteries
- 10kVA stand alone



GAMATRONIC, A SolarEdge Division

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POWER+ SA10kVA

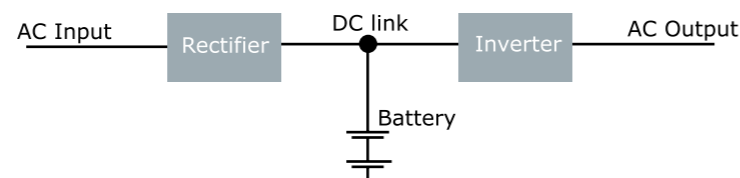
General Product Features

- Flexible use- available in 3/3 and 2/2
- Unique light and compact design- only electronic cabinet!
- Great performance:
 - High efficiency AC/AC: 96%
 - Low input THDi :4%
 - Input PF 1
 - Back light LCD



Double Conversion True On-Line Battery (VFI)

According to IEC 62040-3



Battery Cabinet

POWER+ SA 10KVA 208V - TECHNICAL SPECIFICATIONS

POWER+SA UPS	3X208V+N	2X120V+N
Topology	True Online Battery, Double conversion, VFI	
Operation	10kVA	
INPUT	3 PHASE+N	2 PHASE+N
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	1	
Input THDI	<5%	
OUTPUT	3 PHASE+N	2 PHASE+N
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	
Load CF(max)	4:1	
DC/AC Efficiency(nominal)	up to 97%	
AC/AC Efficiency(nominal)	up to 94%	
STATIC SWITCH (bypass)		
Input Connection	Dual Feed	
GENERAL		
Maximum power dissipation (W, Po=8kW)	510W(1740 BTU/h)	384W(1310 BTU/h)
Ambient Temperature	14°F to 104°F(operating);-40°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	
MTBF	250,000hrs	
Dimensions(HxWxD) (in / cm)	21.3x3.6x23.7 / 54x9x60	
Weight (electronic cabinet)	49 lbs / 22kg	
COMMUNICATION		
RS232	yes	
Alarm-Shutdown Monitor	yes	
SNMP - GMaCi	option	
LCD DATA		
Input	Voltage, Frequency, Current	
Output	Voltage, Frequency, Current	
Batteries	Voltage	
Log(events memory)	Last 200 Events	
STANDARDS		
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	
BATTERIES(external)		
Batteries Type	Valve Regulated Lead-Acid (VRLA)	
	32x7Ah/12V	
Backup Time	4 min. at 100% load	
	13 min. at 50% load	
Battery Recharge Time	Approx. 1-2 hrs.	
BATTERY CABINET		
Dimensions (HxWxD)(in / cm)	14.4x10.25x23.6 / 45x26x60	
Weight	199 lbs / 90 kg	

All specifications are typical and subject to change without prior notice.



Gamatronic, A SolarEdge Division, provides reliable and flexible power solutions to ensure optimal power efficiency. Contact us for more information. Let our team of experts find a solution that would best serve your needs.

Our Power, Your Confidence

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