



POWER+

SA 10kVA

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



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POWER+ SA10kVA

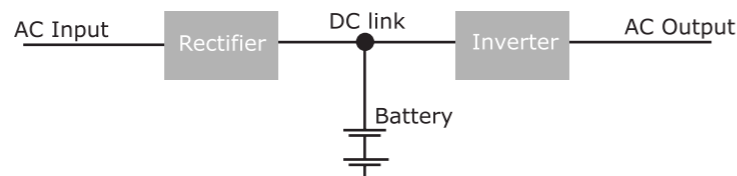
General Product Features:

- Flexible use- available in 3/3, 3/1 and 1/1
- Unique light and compact design- only 18kg 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

Technical Specifications

POWER+ SA UPS		3x400V+N
Topology	True Online Battery, Double Conversion	
Model	10kVA	
INPUT	1 or 3 phase+N	
Voltage	3X400V+N	
Voltage Range	-27% ÷ +20%	
Power Walk-In	>60 sec	
Input Power Factor	0.99	
Input THDI	4%	
Earth Leakage Current	3mA max	
OUTPUT	1 or 3 phase+N	
Rated Power	10kVA/8KW	
Frequency Tracking Range	±3Hz	
Slew Rate	1 Hz/sec	
Voltage	3X400V+N; 50Hz	
Static Regulation	±1%	
Regulation for Unbalanced Load	1% for 100% Unbalanced load	
Dynamic Response to 100% Load Step	±2%	
Overload	110% for 10 min.; 125% for 60 sec.; 1000% for 1 cycle	
Waveform	Sinusoidal	
THD	Less than 2% for linear load	
Load CF (max)	6:1	
DC/AC Efficiency (nominal)	98%	
AC/AC Efficiency (nominal)	96%	
STATIC SWITCH (bypass)		
Input Connection	Dual Input	
GENERAL		
Maximum Power Dissipation (Po=8KW)	333W (1136 BTU)	
Ambient Temperature	-10 ^o to +40 ^o (operating); -20 ^o to +60 ^o (storage)	
Relative Humidity	95% max non-condensation	
Enclosure	IP20	
Cooling System	Multi-Fan with speed control (forced)	
Acoustic Noise (Full load) @1.5m distance	47dBA	
MTBF	250,000 hrs	
Dimensions (H x W x D) (cm)	54 x 9 x 60	
Weight (electronic cabinet)	18Kg	
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	EN50091-2 Class A ; IEC 62040-2	
EMC Immunity	EN50082-2	
Safety	E50091-1 ; IEC 62040-1-1	
Design	EN50091-3 ; IEC 62040-3	
Low Magnetic Field Radiation	EMF as per ICNIRP	
BATTERIES (external)		
Batteries Type	Valve Regulated Lead-Acid (VRLA)	
	64x5Ah	
Backup Time	7 min. at 100% load; 24 min. at 50% load	
Battery Recharge Time	Approx. 1-2 hrs.	
Battery Cabinet		
Dimensions (H x W x D) (cm)	45 x 26x 60	
Weight	115Kg	

* 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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