

MEGA V₂

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MEGA V₂ SA25

25 kVA / 25 kW
3 - Phase UPS



SMALLEST IN THE WORLD!

MEGA V₂ SA25

MEGA SA25 kW Panel



TRUE ON-LINE DOUBLE CONVERSION UPS [True on-line battery]

Unique, light and compact design:

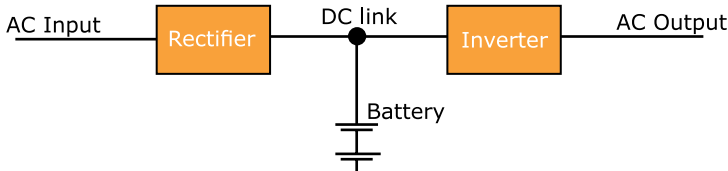
- 20 x 60 cm footprint
- Weight: 63 kg

Great performance:

- High ac-ac efficiency: 96 %
- Low input THDi: <5 %
- Input PF: 1
- Backlit LCD

Double Conversion True On-Line Battery (VFI)

According to IEC 62040-3



MEGA V₂ SA25K UPS Specifications

MEGA V2 SA25 TECHNICAL DATA		230 / 3X400V
Topology	True online battery, double conversion, VFI	
Unit capacity	25 kVA / 25 kW	
INPUT		
Voltage	3x400 Vac +N (230 Vac); 47-63 Hz	
Voltage range	- 20 % and + 15 %	
Current	3 x 42 A, no inrush current at startup	
Frequency	47 - 63 Hz	
Power walk-in	>60	
Power factor	1	
THDI	<5 %	
OUTPUT		
Rated power	25 kVA / 25 kW	
Frequency tracking range	±3	
Slew rate	1 Hz/sec	
Voltage	3x400 V +N / 230 V; 50/60 Hz	
Static regulation	±1	
Regulation for unbalanced load	±1% for 100 % unbalanced load	
Dynamic response to 100% load step	2 %	
Overload	110 % : 10 minutes; 125 % : 60 seconds; 1000 % : 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		
Included		
GENERAL		
Maximum power dissipation (Po=25KW)	1041 W (3552 BTU/h)	
Ambient temperature	-10 to +40 °C (operating) ; -20 to +60 °C (storage)	
Relative humidity	95 % max., non-condensing	
Altitude	1500 m without derating	
Enclosure	IP20	
Cooling system	Multi-fan with speed control	
Acoustic noise (full load) at1.5m distance	47 dBA	
MTBF	250,000 hrs	
Dimensions (mm)	610(H) x 205(W) x 685(D)	
Weight	63 kg	
LCD DISPLAY		
Input	Voltage, current	
Output	Voltage, frequency, current	
Batteries	Voltage	
Log (events memory)	Last 200 events	
COMMUNICATION		
RS232 port		
SNMP link (optional)		
STANDARDS		
Safety	IEC 62040-1	
EMC	IEC 62040-2	
Design	IEC 62040-3	
Low magnetic field radiation	EMF as per ICNIRP	
BATTERIES (EXTERNAL)		
Type	Sealed, valve-regulated, lead-acid	
Number	60x9 Ah 12V	
Voltage	12V	
Backup time	15 min at 50 % load, 10 min at 75 % load, 5 min at full load	
Recharge time	Appx. 1-2 hrs	
BATTERY CABINET		
Dimensions (mm)	725(H) x 252(W) x 610(D) [+60] (D)	
Weight	Cabinet: 30 kg Battery: 145 kg	

* All specifications subject to change without notice
For a complete company profile, please visit our website at www.gamatronic.com