



MEGA

Simply Ingenious!

**Modular UPS System
25kVA/kW to 250kVA/kW**

- True Modular Capabilities
- Delivers 25-250kVA/kW
- The Highest Power Density & the Smallest Footprint
- Maximum Availability and Minimal Downtime



GAMATRONIC™

Our Power Your Confidence



Single UPS 25 kW Module Specifications

	Topology	On line Battery, Double Conversion, VFI									
	Construction	Modular parallel hot-swapped modules									
INPUT	Voltage	3X400 V +N									
	Voltage range	-20 % and +15 %									
	Current	3x42 A per module									
	Frequency	47÷63 Hz									
	Power walk-in	<60 sec (Generator friendly)									
	Power factor	0.99									
	THDI	< 5 %									
OUTPUT	Rated power	25 kVA/25 kW to 250 kVA/250 kW									
	Frequency (in free-running mode)	50/60 Hz ±0.1 %									
	Frequency tracking range	±1 Hz, ±2 Hz, ±3 Hz (selectable)									
	Slew rate	1 Hz/sec									
	Voltage	3x400 V +N									
	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									
	Ac-Ac efficiency (nominal)	Up to 96 % at full load									
	Dc-Ac efficiency (nominal)	Up to 98 % at full load									
BATTERIES	Floating voltage	±432 V									
	Quantity per set	64x12 V									
	Type	VRLA									
DISPLAY		7" TFT LCD color touch screen enabled display									
GENERAL	Maximum power dissipation (Po=25kW)	N*1315 W (N*4487 BTU/hr)									
	Ambient temperature	-10 °C to +40 °C (operating); -20 °C to +60 °C (storage)									
	Relative humidity	95 % max non-condensing									
	Altitude	1500 m without derating									
	Enclosure	IP20									
	Cooling system	Multi-fan with speed control (forced)									
STANDARDS	EMC	EN50091-2 Class A; IEC 62040-2 Class A									
	Design	EN50091-3; IEC 62040-3									
	Safety	EN50091-1; IEC 62040-1-1									
	Low freq. magnetic field radiation	EMF as per ICNIRP									
DIMENSIONS	UPS type (kW)	25	50	75	100	125	150	175	200	225	250
	Height (cm)	197									
	Width (cm)	67									
	Depth (cm)	63									
	Weight (Kg)	152	184	216	248	280	312	344	376	408	440