

G*Net*

1KVA - 10KVA RACK AND TOWER UPS



GAMATRONIC, A SolarEdge Division

15 Chester Road, Colmworth Business Park, Eaton Socon, Cambridgeshire, PE19 8YT United Kingdom

Tel: + 44 (0) 1480 479889 / 472665 | SalesUK.Gama@solaredge.com | www.gamatronic.co.uk



1 KVA - 10 KVA Rack and Tower UPS



The G-NET 1 kVA - 10 kVA Rack and Tower series of UPS systems is a line of advanced, true on-line UPS's supplying clean, reliable and regulated AC power.

The G-NET is an advanced, true on-line Uninterruptible Power Supply (UPS) providing reliable, regulated and stable voltage to any type of load. From computers and telecommunication systems to automated industrial control systems. The G-NET is available in models supplying 1, 2, 3, 6 and 10kVA.

Voltage surges and sags are inherent in commercial utility power. Over time, these irregularities shorten the life of equipment and components. The G-NET UPS continually eliminates power irregularities, thus protecting and extending the life of your electrical equipment. In case of an interruption in the input power, the G-NET powers your critical loads from its battery bank for those few critical minutes until a generator or other alternative power source comes on-line.

The G-Net series ranges from 1 to 10 kVA and can be deployed either horizontally or vertically. When deployed horizontally, it fits in a standard 19" inch rack and is 2U in height. When deployed vertically, the controller screen can be rotated by 90° for easy functionality.

*World leader in cutting edge modular power protection
technology and solutions*

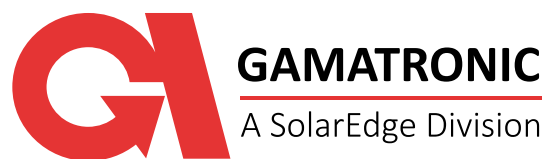
GNET TECHNICAL SPECIFICATIONS

	1kVA	2kVA	3kVA	6kVA	10kVA
Topology	True on-line, double-conversion				
Operation	Continuous				
INPUT					
Voltage (nominal, Vac)	220, single-phase				
Voltage range (Vac)	160 ~ 276				
Current, max. (A)	7	12	16	31	50
Frequency (Hz)	50				
Power factor (full load)	0.98				
OUTPUT					
Rated power (kVA / kW)	1 / 0.8	2 / 1.6	3 / 2.4	6 / 4.8	10 / 8
Frequency (Hz)	50				
Frequency range (%)	±1 (battery mode)				
Voltage (Vac)	220±1 %, single-phase				
Current (A)	5.4	9.6	13	27	45
Overload	105% ~ 120%, transfer to bypass after 10s 120% ~ 140%, transfer to bypass after 200ms 140% ~ 150%, transfer to bypass after 200ms, shutdown after 10s >150%, shutdown immediately				
Waveform	Sinusoidal				
THD (%)	<3 for linear load				
Load CF (max)	3:1				
Power factor	0.8				
BATTERIES (see also Battery pack specifications)					
Type	Sealed, lead acid, rechargeable, maintenance-free				
GENERAL					
Ambient temperature (°C)	0 to +40 (operating and storage)				
Relative humidity (%)	95 max. (non-condensing)				
Altitude (m)	1000 without derating (derating table below)				
Cooling system	Forced air (multi-fan with speed control)				
LCD DISPLAY					
Input	Voltage				
Output	Voltage, frequency				
Batteries	Percentage of battery capacity				
Log (events memory)	Last 200 events				
STANDARDS					
Safety	IEC 62040-1				
EMC	IEC 62040-2				
Design	IEC 62040-3				
Low magnetic field radiation	EMF as per ICNIRP				
WEIGHT AND DIMENSIONS					
Model	1kVA	2kVA	3kVA	6kVA	10kVA
UPS dimensions(cm)	430X480X88	430X480X88	430X480X88	430X680X88	430X680X88
UPS weight(kg)	15.5	10	11	18.5	19.5
Battery box dimensions(cm)	Internal battery	430X480X88	430X480X88	430X680X88	430X680X88
Battery box weight(kg)	Internal battery	21	22	48.5	48.5

DERATING FACTORS

Altitude (m)	1000	1500	2000	2500	3000	3500	4000	4500	5000
Derating factor	100%	95 %	91 %	86 %	82 %	78 %	74 %	70 %	67 %

All specifications are subject to change without advance 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

25112018

www.gamatronic.co.uk

