



The Frequency Converter People Since 1950

GEORATOR Corporation

9617 Center Street
Manassas, VA 20110

800 523-9938

703 368-2101

Fax: 703 368-1078

E-Mail: sales@georator.com

Triathlon III UPS Specifications - 1 Phase Input to 1 Phase Output Model, 20 KVA		
Model	T3UPS-11-20K	
Capacity	20 KVA	
Input	Voltage (select one individual voltage)	1 Phase 100, 110, 115, 120, 200, 208, 220, 230, or 240V \pm 20%
	Frequency (select one)	50 or 60 Hz \pm 5% (Optional 400Hz)
	Power Walk In	0-100% < 20 seconds
Output	Voltage (select one individual voltage)	100, 110, 115, 120, 200, 208, 220, 230, or 240V (\pm 5% adjustable)
	Voltage Regulation	\pm 1% at Linear Load
	Frequency (select one)	50 or 60Hz \pm 0.1Hz (Optional 400Hz)
	Phase	1 Phase, 2W+G (Optional 3W)
	Power Factor	0.8
	Distortion (THD)	< 2% @ 0-100% Non-linear Load
	Crest Factor	3:1
	Overload Capacity	125% for 15 Minutes, 150% for 10 Minutes, > 150% for 1 minute
	Efficiency	\geq 91%
Indicators	LCD	Real Time Status, Data or Historical Events, Parameters, Real Time Clock, Inverter & Alarm
	LED	Up to date information (Status) to the User & Audible Alarm
Protection	Over/Under Voltage	Alarm
	Output Short Circuit	Rectifier, Reserve, Bypass NFB
	Overload	Auto-shutdown 1 minute, Auto Restore when back to normal
	Over Temperature	Auto-shutdown
	Surge	MOV / Input & Output (FCC CLASS A)
	EMI/EMC	EN50091-2 Approved
	Galvanic Isolation	Input & Output True Galvanic Isolation
Interface	Contact Closure, RS-232/485	Support MEGATEC RUPS, MEGATEC RUPSII / UPSilon 2000 UPS monitoring software
Environment	Operating Temperature	0° – 40° C
	Humidity	0 - 90% Non-condensing
	Audible Noise	< 65 dB at 1 meter
Dimensions	W x H x D (mm)	550*1,600*800
	W x H x D (in)	21.7*63.0*31.5
Weight * w/o batteries	Kilograms	380.0
	Pounds	837.8
Battery Weight	Kilograms	170.0
	Pounds	374.8
Battery	Type - Quantity	HR1234W - 58 ea.
Backup Time **	Minutes - Minimum	10 min.

* Weights based on 220V IN and OUT. Weights may vary based on input/output frequency/voltage

** Longer backup times (to 8 hours) are available from standard models; custom specifications also available.