



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

<b>Triathlon III UPS Specifications - 1 Phase Input to 1 Phase Output Model, 8 KVA</b>		
<b>Model</b>	<b>T3UPS-11-8K</b>	
<b>Capacity</b>	8 KVA	
<b>Input</b>	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
<b>Output</b>	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	0.7-1 lag
	Distortion (THD)	< 3% @ 100% Linear Load
	Crest Factor	3:1
	Overload Capacity	110% continuous, 110-150% 30 sec., > 150% causes auto-shutdown. Auto restart upon removal of overload.
<b>Indicators</b>	Efficiency	> 85%
	LCD	UPS Status, I/P&O/P Voltage, I/P&O/P Frequency, Battery Voltage, Loading %, History Record
<b>Protection</b>	LED	Utility LED (green), Inverter LED (green), Battery Low (yellow), Bypass Voltage (yellow), Fault LED (red), Overload (yellow)
	Over/Under Voltage	Alarm
	Output Short Circuit	Current Limited and cut-off, fuse and breaker
	Overload	150% delay 30 Seconds, then transfer to Bypass & Auto Re-Transfer
	Over Temperature	Auto-shutdown
	Battery	Low Battery Shutdown and Battery Circuit Breaker
<b>Interface</b>	EMI/EMC	EN50091-2, CE Approved
<b>Environment</b>	Contact Closure, RS-232	Support MEGATEC RUPS, MEGATEC RUPSII / UPSilon 2000 UPS monitoring software
	Operating Temperature	0° – 40° C
	Humidity	0 - 90% Non-condensing
<b>Dimensions</b>	Audible Noise	< 45 dB at 1 meter
	W x H x D (mm)	480*845*340
<b>Weight * w/o batteries</b>	W x H x D (in)	18.9*33.3*13.4
	Kilograms	158.0
<b>Batt. Cab. Weight w/o batteries</b>	Pounds	348.3
	Kilograms	115.0
<b>Battery Weight</b>	Pounds	253.5
	Kilograms	124.8
<b>Battery Cabinet Dimensions</b>	Pounds	275.1
	W x H x D (mm)	340*480*845
<b>Battery</b>	W x H x D (in)	13.4*18.9*33.3
	Type - Quantity	7AH - 48 ea.
<b>Backup Time **</b>	Minutes - Minimum	16.5 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.