



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 - 3 Phase Input to 1 Phase Output Model, 80 KVA		
Model		T3UPS-31-80K
Capacity		80 KVA
Input	Voltage (select one individual voltage)	3 Phase Delta 220/380/460 ± 20% 3 Phase Wye 190/200/208/220/230/240V ± 20% Phase Wye 380/400/415/440/460/480V ± 20%
	Frequency (select one)	50 or 60 Hz ± 5% (Optional 400Hz)
	Power Factor	≥ 0.97
	Power Walk In	0-100%: 20 seconds
Output	Voltage (select one individual voltage)	100, 110, 115, 120, 200, 208, 220, 230, or 240V (± 5% adjustable)
	Voltage Regulation	± 1% at Linear Load
	Phase Shift (unbal. load)	< 0.5 Deg.
	Frequency (select one)	50 or 60Hz ±0.1 Hz (Optional 400 Hz)
	Power Factor	0.8
	Distortion (THD)	< 2.0% (Linear Load)
	Crest Factor	3:1
	Overload Capacity	125% for 15 Minutes, 150% for 10 Minutes, > 150% for 1 Minute
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	Auto-shutdown
	Overload	Auto-shutdown 25 sec. later
	Over Temperature	Auto-shutdown
	Surge	Surge and Lightning Protection
	EMI/EMC	EN50091-2 Approved
Interface	Contact Closure, RS-232/485	Supports MEGATEC RUP, 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 *	Kilograms	980.0
	Pounds	2,160.5
Battery	Type - Quantity	26AH - 58 ea.
Backup Time **	Minutes - Minimum	6 min.
Battery Cabinet Dim.	W x H x D (mm)	1,100*1,600*800
	W x H x D (in)	43.3*63.0*31.5
Battery Cabinet Weight	Kilograms	266.0
	Pounds	586.4
Battery Weight	Kilograms	535.9
	Pounds	1,183.2

* Weights based on 220/380V 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.