



The Frequency Converter People Since 1950

# GEORATOR Corporation

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<b>Triathlon III UPS Specifications - 3 Phase Input to 1 Phase Output Model, 20 KVA</b>		
<b>Model</b>	<b>T3UPS-31-20K</b>	
<b>Capacity</b>	20 KVA	
<b>Input</b>	Voltage (select one individual voltage)	3 Phase Delta 220/380/460 ± 20% 3 Phase Wye 190/200/208/220/230/240V ± 20% 3 Phase Wye 380/400/415/440/460/480V ± 20%
	Frequency (select one)	50 or 60 Hz ± 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 (± 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)
	Phase	1 Phase, 2W+G (Optional 3W)
	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
	Efficiency	≥ 91%
<b>Indicators</b>	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
<b>Protection</b>	Over/Under Voltage	Alarm
	Output Short Circuit	Auto-shutdown
	Overload	Auto-shutdown 25 sec. later
	Over Temperature	Auto-shutdown
	Lightning / EMC Filter	Surge and Lightning Protection
	EMI/EMC	EN50091-2 Approved
	Galvanic Isolation	Input & Output True Galvanic Isolation
<b>Interface</b>	Contact Closure, RS-232/485	Supports MEGATEC RUPS, UPSilon 2000 UPS monitoring software
<b>Environment</b>	Operating Temperature	0° – 40° C
	Humidity	0 - 90% Non-condensing
	Audible Noise	< 65 dB at 1 meter
<b>Dimensions</b>	W x H x D (mm)	550*1,600*800
	W x H x D (in)	21.7*63.0*31.5
<b>Weight *</b>	Kilograms	450.0
	Pounds	992.1
<b>Battery</b>	Type - Quantity	HR1234W - 58 ea.
<b>Backup Time **</b>	Minutes - Minimum	10 min.
<b>Battery Weight</b>	Kilograms	170.0
	Pounds	374.8

\* Weights based on 220/380V IN and 220V 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.