



The Frequency Converter People Since 1950

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Triathlon III UPS Specifications - 1 Phase Input to 1 Phase Output Model, 5 KVA		
Model		T3UPS-11-5K
Capacity		5 KVA
Input	Voltage (select one individual voltage)	1 Phase 100, 110, 115, 120, 200, 208, 220, 230, or 240V ± 20%
	Frequency (select one)	50 or 60 Hz ± 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 (± 5% adjustable)
	Voltage Regulation	± 1% at Linear Load
	Frequency (select one)	50 or 60Hz ± 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.
Indicators	Efficiency	> 85%
	LCD	UPS Status, I/P&O/P Voltage, I/P&O/P Frequency, Battery Voltage, Loading %, History Record
Protection	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
Interface	EMI/EMC	EN50091-2, CE Approved
	Contact Closure, RS-232	Support MEGATEC RUPS, MEGATEC RUPSII / UPSilon 2000 UPS monitoring software
Environment	Operating Temperature	0° – 40° C
	Humidity	0 - 90% Non-condensing
	Audible Noise	< 45 dB at 1 meter
Dimensions	W x H x D (mm)	230*685*578
	W x H x D (in)	9.1*27.0*22.8
Weight * w/o batteries	Kilograms	66.0
	Pounds	145.5
Batt. Cab. Weight w/o batteries	Kilograms	27.0
	Pounds	59.5
Battery Weight	Kilograms	42.0
	Pounds	92.6
Battery Cabinet Dimensions	W x H x D (mm)	180*360*500
	W x H x D (in)	7.1*14.2*19.7
Battery	Type - Quantity	7AH - 16 ea.
Backup Time **	Minutes - Minimum	12 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.