



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 II AC Power Source Specification (Fully Adjustable Frequency Converter)			
3 Phase Input to 3 Phase Output Model - 6 KVA			
Model		T2FC-33-6K	
Output KVA		6	
Input	Voltage (select one individual voltage)	3 Phase Wye 190/200/208/220/230/240/380/400/415/440/460/480V +/- 10% 3 Phase 3W Delta 220/230/240/380/400/415/440/460/480V +/- 10%	
	Frequency	47-63 Hz	
	Power Factor	0.6 - 0.7	
Output	Voltage	0-260V, L-L:0-150V, L-N (Low Range) 0-520V,L-L: 0-300V, L-N (High Range) (optional 0-600V, L-L)	
	Voltage Regulation	<= 1%	
	Current Limit	L-N at 120 V	L: 16.6A
		L-N at 240 V	H: 8.3A
	Frequency	47-63 Hz (Optional 40 to 500 Hz)	
	Power Factor	0.8	
	Distortion (THD)	<= 2%	
	Crest Factor	3:1	
	Overload Capacity	120% > 2 sec., 120-150% 2 sec., 200% Instant Trip	
Efficiency	> 80%		
Indicators	LED	Freq. (0.1 Hz), Volt (0.1V), Amp (0.1A), Power (0.1W)	
Protection	Output Short Circuit	Electronic circuit breaker instant cut off	
	Overload	Electronic circuit breaker instant cut off	
	Over Temperature	Electronic circuit breaker instant cut off	
	EMI/EMC	Output Filter	
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)	350*855*650	
	W x H x D (in)	13.8*33.7*25.6	
Weight *	Kilograms	135.0	
	Pounds	297.6	

* Weights may vary based on input/output frequency/voltage/phase