



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 3 Phase Output Model, 30 KVA</b> |   |   |
|---|---|---|
| <b>Model</b>  |   | <b>T3UPS-13-30K</b>   |
| <b>Capacity</b>   |   | 30 KVA  |
| <b>Input</b>  | Voltage<br><small>(select one individual voltage)</small> | 1 Phase 100, 110, 115, 120, 200, 208, 220, 230, or 240V ± 20%   |
|   | Frequency (select one)                                    | 50 or 60 Hz ± 5% (Optional 400Hz)   |
|   | Power Factor  | ≥ 0.97  |
|   | Power Walk In   | 0-100%: 20 seconds  |
| <b>Output</b>   | Voltage<br><small>(select one individual voltage)</small> | 3 Phase Delta 220/380/460V (+/-5% adjustable)3 Phase Wye 190/200/208/220/230/240V (+/-5% adjustable)3 Phase Wye 380/400/415/440/460/480V (+/-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   |
| <b>Indicators</b>   | Efficiency  | ≥ 93%   |
|   | 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   |
|   | Surge   | Surge and Lightning Protection  |
|   | EMI/EMC   | EN50091-2 Approved  |
| <b>Interface</b>  | Contact Closure, RS-232/485                               | Supports MEGATEC RUP, MEGATEC RUPSII, 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)  | 43.3*63.0*31.5  |
| <b>Weight *</b>   | Kilograms   | 580.0   |
|   | Pounds  | 1,278.7   |
| <b>Battery</b>  | Type - Quantity   | 26AH - 29 ea.   |
| <b>Backup Time **</b>   | Minutes - Minimum   | 10 min.   |
| <b>Battery Cabinet Dim.</b>   | W x H x D (mm)  | 550*1,600*800   |
|   | W x H x D (in)  | 21.7*63.0*31.5  |
| <b>Battery Cabinet Weight</b>   | Kilograms   | 142.0   |
|   | Pounds  | 313.1   |
| <b>Battery Weight</b>   | Kilograms   | 268.0   |
|   | Pounds  | 591.6   |

\* 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.