



The Frequency Converter People Since 1950

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Triathlon III Inverter Specifications - 1 Phase Output Model, 10 KVA

| Model | | T3IN-1-10K |
|-------------|--|--|
| Capacity | | 10 KVA |
| DC Input | Voltage | 110V, 220V, 348V |
| AC Output | Voltage (select one individual voltage) | 100, 110, 115, 120, 200, 208, 220, 230, or 240V |
| | Voltage Regulation | ± 1% at Linear Load |
| | Output Frequency | 50 or 60Hz ±0.1 Hz |
| | Frequency Lock Range | 50 or 60 Hz ±3 Hz |
| | Power Factor | 0.8 |
| | Phase Shift | < 0.5° under 100% Unbalanced Load |
| | Distortion (THD) | < 2.0% (Linear Load) |
| | Overload Capacity | 125% for 15 Minutes, 150% for 10 Minutes, > 150% for 1 Minute |
| | Efficiency | >= 91% |
| 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 | Rectifier, Reserve, Bypass NFB |
| | Overload | Auto-shutdown 1 Minute. Auto Restore when back to normal |
| | Over Temperature | Auto-shutdown |
| | Lightning / EMC Filter | MOV / Input & Output (FCC CLASS A) |
| | EMI / EMC | EN50091-1, -2 Approved |
| | Galvanic Isolation | Input & Output True Galvanic Isolation |
| Standards | FCC CLASS A | YES |
| | EN50091-1, -2 | YES |
| Interface | Contact Closure, RS-232/485 | Supports MEGATEC RUPS, 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 | 300 |
| | Pounds | 739 |

*Weights based on 220V OUT. Weights may vary based on output frequency/voltage