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INV-L 125T Stand Alone Inverter (Tabletop Casing)

Description

The INV-L series of inverters can be specified to operate from a wide variety of DC Inputs. These compact units utilise the same technology as their larger counterparts even though the output power is relatively low at 125 to 250VA. This range features a true sinewave output which is generated by a dedicated microprocessor. Overload and short circuit protection are built in as standard. LED's are provided to show the operating status of the inverter. An alarm output signal is available in the form of voltage free contacts. A choice of case sizes are available at each power level making the INV-L range ideal for use in locations with tight space restrictions. Different summaries are available for the wall mount, bench top and 19" cassette versions. In all case formats these robust inverters carry a twenty-four month guarantee. The wide operating temperature range helps to ensure that the INV-L series is suitable for an extensive number of professional applications.



- Short circuit & overload protected
- With 50Hz output transformer
- Sinewave output
- Bench top Case
- Potential free

Selection Table

| Part Number | Maximum Power | Input Voltage | Output Voltage* | Output Frequency* |
|--------------------|---------------|---------------|-----------------|-------------------|
| INV-L 125T-24 | 125VA | 24VDC | 230VAC | 50Hz |
| INV-L 125T-24-1 | 125VA | 24VDC | 115VAC | 60Hz |
| INV-L 125T-48-60 | 125VA | 48/60VDC | 230VAC | 50Hz |
| INV-L 125T-48-60-1 | 125VA | 48/60VDC | 115VAC | 60Hz |
| INV-L 125T-110 | 125VA | 110VDC | 230VAC | 50Hz |
| INV-L 125T-110-1 | 125VA | 110VDC | 115VAC | 60Hz |

*Different output voltages and frequencies are possible. Please contact ET to discuss your requirements.



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INV-L 125T

Stand Alone Inverter (Tabletop Casing)

Technical Data

General

| | |
|-----------------------|---|
| Electrical Safety | EN 60950, VDE 0805 (Overload & Short-circuit protected) |
| Efficiency | Approx. 85% by nominal load |
| Galvanic Isolation | 3.75 kVDC |
| EMC (Emission) | EN 50081-1, Curve EN 55022B |
| EMC (Immunity) | EN 50082-2 |
| Operating Temperature | -5 to +40 °C (non-condensing) |

Input DC

| | |
|------------------|--------------------|
| INV-L 125B-24 | 24 (19 - 31)VDC |
| INV-L 125B-48-60 | 48/60 (38 - 72)VDC |
| INV-L 125B-110 | 110 (88 - 132)VDC |

Output AC

| | |
|---------------------|----------------------------|
| Voltage | 230VAC (optionally 115VAC) |
| Frequency | 50Hz (optionally 60Hz) |
| Output Power | 125VA/100W |
| Power Factor | 0.8 |
| Load Range | 0 - 100% |
| Crest Factor | > 2.0 |
| Harmonic Distortion | < 5% |

Housing

| | |
|----------------|--------------------------------------|
| Casing | Tabletop Case |
| Size | Approx. 243 x 175 x 72mm (W x H x D) |
| Weight | Approx. 2.5kg |
| Classification | IP 20 |
| Ventilation | Convection |

Electrical Connections

| | |
|-----------------|---|
| Input | Power combicon 3 pole type: PC 4/3-G-7.62 |
| Rear Connectors | Appliance outlet EN 60320 |
| Rear Connectors | Mini combicon 6 pole type: MC-1.5/6 GF-3.81 |

Other

| | |
|-----------------|----------------------------|
| Optical Signals | Power on/PG, Overload/OVL |
| Signal Output | Voltage free alarm contact |
| Accessories | Connection set (included) |
| Warranty | 2 Years |