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INV-T 125C

Stand Alone Inverter (Cassette)

Description

The INV-T 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-T 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-T series is suitable for an extensive number of professional applications.



- Provided as a pluggable 3U rack mount cassette
- Also in bench & wall mount cases
- Short circuit & overload protected
- With 50Hz output transformer
- Sinewave output
- Potential free

Selection Table

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

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

Every effort is made to ensure that the information provided within this technical summary is accurate. However, ET must reserve the right to make changes to the published specifications without prior notice. Where certain operating parameters are critical for your application we advise that they be confirmed at the time of order. ET specialises in modifying its proven platforms to suit your needs. Please contact our office if your requirement is non-standard. Please note that your actual unit may differ from those shown.



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INV-T 125C

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Technical Data

General

Electrical Safety	EN 60950, VDE 0805 (Overload & Shortcircuit 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-T 125-24	24 (19 - 31)VDC
INV-T 125-48-60	48/60 (38 - 72)VDC

Output AC

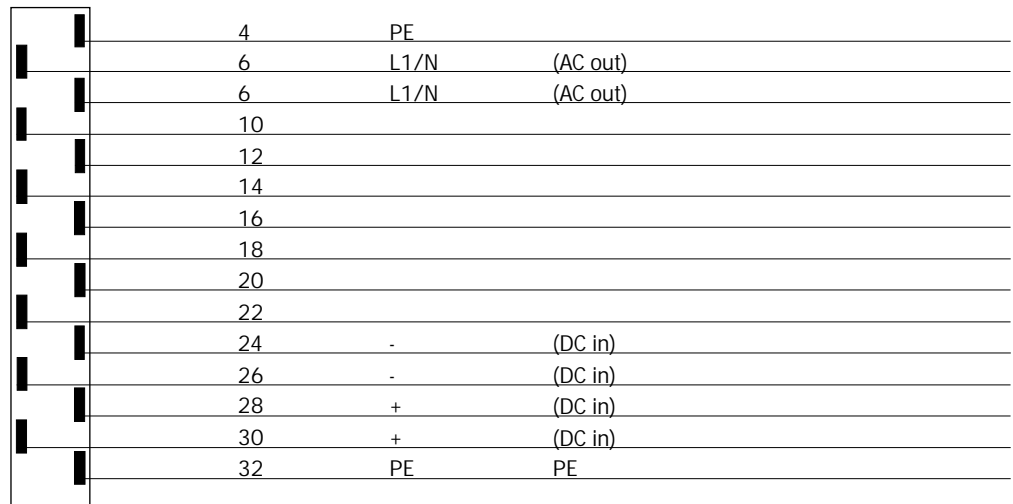
Voltage	230VAC (115Vac option)
Frequency	50Hz (60Hz option)
Output Power	125VA/100W
Power Factor	0.8
Load Range	0 - 100%
Crestfactor	> 2.0
Harmonic Distortion	< 5%

Housing

Casing	19"x 3U plugable sub unit
Size	107 x 170 x 129mm (W x H x D)
Weight	Approx. 2.5kg
Classification	IP 20
Ventilation	Convection

Electrical Connections

Rear Connectors	DIN 41612 connector, H-type, 15 pole male
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Other

Optical Signals	Power on/PG, Overload/OVL
Signal Output	Voltage free alarm contact
Warranty	2 Years