

Implementation of telecommunication systems



**FALESIA SYSTEMY**



+48 22 2500710



oferty@falesia.pl

## Inverters 48VDC-230VAC, 0.7-2.1kW, 2U



# Inverters 48VDC-230VAC, 0.7-2.1kW, 2U

Inverters 48VDC-230VAC, TI-1000, TI-2000, TI-3000



**Features:**

- >> Pure sine wave output
- >> High efficiency conversion
- >> Primary DC input and secondary AC input available
- >> Tower or rack-mount convertible
- >> 2U height design
- >> High power, low profile
- >> Advanced microprocessor control
- >> Design provides high reliability and efficiency
- >> Over load protection and alarm
- >> EMI meet VDE0871 Class A
- >> RS 232 communication
- >> MTBR<1hrs
- >> Dry Contact alarm interface
- >> Fax/ Modem surge Suppression ports
- >> RJ45 Network surge suppression ports

**Compatibility with systems:**

- >> Windows
- >> Linux
- >> Novell
- >> Unix
- >> SNMP
- >> HTTP

**Indicators on front panel:**

- >> Line normal
- >> Bypass out
- >> Inverter output
- >> Overload

**Audible alarms:**

- >> Battery low
- >> Overload
- >> Abnornity



Model		TI-1000	TI-2000	TI-3000
Structure		Low Frequency SPWM	Low Frequency SPWM	Low Frequency SPWM
Capacity		1kVA/0.7kW	2kVA/1.4kW	3kVA/2.1kW
DC input	Normal voltage	-48Vdc	-48Vdc	-48Vdc
	Voltage range	-40~-57Vdc	-40~-57Vdc	-40~-57Vdc
	Wideband noise current	<10%	<10%	<10%
	Psophometric noise current	<2‰	<2‰	<2‰
AC input (optional)	Normal voltage	230Vac	230Vac	230Vac
	Voltage range	160~270Vac	160~270Vac	160~270Vac
	Frequency range	50/60Hz±5%	50/60Hz±5%	50/60Hz±5%
Output	Normal voltage	230Vac	230Vac	230Vac
	Voltage Stability	±2%	±2%	±2%
	Frequency stability	50/60±0.5%	50/60±0.5%	50/60±0.5%
	Wave style	Sine Wave	Sine Wave	Sine Wave
	Overload Capacity	110~150% for 20 sec	110~150% for 20 sec	110~150% for 20 sec
Ambient operation		0-40°C, humidity 0-95%	0-40°C, humidity 0-95%	0-40°C, humidity 0-95%
Audible noise		<45dB	<60dB	<60dB
Dimensions		450×430×90 mm	450×430×90 mm	450×430×90 mm
Height		2U	2U	2U
Weight		15 kg	20 kg	25 kg

**According to EN/IEC standards:**

- Safety - UL 1012, EN 60950, EN 50091-1-1
- EMI - FCC Part 15, Class A/EN 55022, Class A/EN 50091-2, Class A
- EMC - IEC 801-1,2,3,4,5/EN 61000-4-1,2,3,4,5

