

STR 2 (19 inch, 1U, 500VA)

DC/AC INVERTERS~

- ☒ Input voltage 48V(24V)DC
- ☒ Output voltage 230V ~ 50Hz, pure sine wave
- ☒ Galvanic isolation input / output, up to 500VA output power
- ☒ Overvoltage, overload, short circuit, overtemperature protection
- ☒ LCD display unit
- ☒ Remote monitoring – potential-free relay contact, SNMP with WEB page
- ☒ Mounting type: 19" / 1U (44mm)



The STR 2 type pure sine wave inverters convert DC 48V (24V) input voltage to 230V ~ 50Hz AC output voltage.

STR 2 inverters are available in three accessory sets:

- Basic - STR 2 XXYYTLF - Inverter is equipped with local LED indication, remote indication is through a potential-free relay contacts
- Extended - STR 2.E XXYYTLF - Basic equipment + power supply management system (option of monitoring 2 external inputs – output breaker, user...)
- SNMP - STR 2.S XXYYTLF - Extended equipment + SNMP adapter with WEB page

XX = nominal input DC voltage, YY = nominal output power x 100VA, TL = possibility of capacitive loads compensation, F = active filter to prevent the interference transfer of higher harmonics to the input

The STR 2 inverter is designed for 19" rack mounting. The outputs (2x IEC 320 - C13 type) are on the rear panel. The DC input is via a removable plug on the front panel with a wire cross-section up to 6 mm².

MODEL SPECIFICATION	STR2 2403TLF 24/230V~50Hz~300VA	STR2.E 2403TLF 24/230V~50Hz~300VA PMver1	STR2.S 2403TLF 24/230V~50Hz~300VA PMver1 + SNMP	STR2 4805TLF 48/230V~50Hz~500VA	STR2.E 4805TLF 48/230V~50Hz~500VA PMver1	STR2.S 4805TLF 48/230V~50Hz~500VA PMver1 + SNMP
Input voltage	20-35V	20-35V	20-35V	42-60V	42-60V	42-60V
Output voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output power	300VA	300VA	300VA	500VA	500VA	500VA
Efficiency	84%	84%	84%	88%	88%	88%
No load current consumption	0.3A	0.3A	0.3A	0.2A	0.2A	0.2A
Insulation strength input / output	3kV	3kV	3kV	3kV	3kV	3kV
Operating temperature	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C	-25°C - +50°C
Frequency stability	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Local signaling	LED	LED. LCD	LED. LCD	LED	LED. LCD	LED. LCD
Remote signaling	Relay contact	Relay contact	Relay contact, SNMP	Relay contact	Relay contact	Relay contact, SNMP
Parallel operation	No	No	No	No	No	No
Air flow	forced	forced	forced	forced	forced	forced
Overtemperature protection	85°C	85°C	85°C	85°C	85°C	85°C
Mounting type	19" / 1U	19" / 1U	19" / 1U	19" / 1U	19" / 1U	19" / 1U
Dimensions W x H x D (mm)	436x44.5x197	436x44.5x197	436x44.5x197	436x44.5x197	436x44.5x197	436x44.5x197
Weight (kg)	2.3 kg	2.4 kg	2.5 kg	2.3 kg	2.4 kg	2.5 kg
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20
Part No.	IP.3431.736.21	IP.3431.736.20	IP.3431.736.23	IP.3431.736.22	IP.3431.736.19	IP.3431.736.24