

STR10 (19 inch, 2U, 1kVA)

- ☑ Input voltage 24VDC, 48VDC, 110VDC
- ☑ Output voltage 230V ~ 50Hz pure sine wave, up to 1kVA output power, parallel operation
- ☑ Galvanic isolation input / output
- ☑ Overvoltage, overload, short circuit, overtemperature protection
- ☑ LCD display unit
- ☑ Remote monitoring – potential-free relay contact, SNMP with WEB page
- ☑ Mounting type: 19" / 2U(88mm)



The STR10 type pure sine wave inverters convert DC 48V (24V, 110V) input voltage to 230V ~ 50Hz AC output voltage. Inverters allow parallel operation using STR.OSC module.

STR10 inverters are available in three accessory sets:

- Basic - STR10 XXYYTLF - Inverter is equipped with local LED indication, remote indication is through a potential-free relay contacts
- Extended - STR10.E XXYYTLF - Basic equipment + power supply management system (option of monitoring 2 external inputs – output breaker, user...)
- SNMP - STR10.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 STR10 inverters are designed for 19" rack mounting. The outputs (4x) are on the rear panel (2x sockets, 2x IEC 320 - C13 type). The DC input is via a removable plug on the front with a wire cross-section up to 16 mm².

MODEL SPECIFICATION	STR10 2406TLF 24/230V~50Hz – 600VA	STR10.E 2406TLF 24/230V~50Hz – 600VA PM	STR10.S 2406TLF 24/230V~50Hz – 600VA PM + SNMP	STR10 4810TLF 48/230V~50Hz – 1kVA	STR10.E 4810TLF 48/230V~50Hz – 1kVA PM	STR10.S 4810TLF 48/230V~50Hz – 1kVA PM + SNMP	STR10 11010TL 110/230V~50Hz – 1kVA	STR10.E 11010TL 110/230V~50Hz – 1kVA PM	STR10.S 11010TL 110/230V~50Hz – 1kVA PM + SNMP
Input voltage	21-30V	21-30V	21-30V	42-60V	42-60V	42-60V	82-130V	82-130V	82-130V
Output voltage	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz
Output power	600VA	600VA	600VA	1000VA	1000VA	1000VA	1000VA	1000VA	1000VA
Efficiency	89%	89%	89%	93%	93%	93%	93%	93%	93%
No load current consumption	0.5A	0.5A	0.5A	0.3A	0.3A	0.3A	0.2A	0.2A	0.2A
Insulation strength input / output	3kV	3kV	3kV	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	-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%	0.1%	0.1%	0.1%
Local signaling	LED	LED. LCD	LED. LCD	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	Relay contact	Relay contact	Relay contact, SNMP
Parallel operation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overtemperature protection	85°C	85°C	85°C	85°C	85°C	85°C	85°C	85°C	85°C
Mounting type	19" / 2U	19" / 2U	19" / 2U	19" / 2U	19" / 2U	19" / 2U	19" / 2U	19" / 2U	19" / 2U
Dimensions W x H x D (mm)	436x88x278	436x88x278	436x88x278	436x88x278	436x88x278	436x88x278	436x88x278	436x88x278	436x88x278
Weight (kg)	4.5 kg	4.6 kg	4.7 kg	4.5 kg	4.6 kg	4.7 kg	3.7 kg	3.8 kg	3.9 kg
Degree of protection	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Part No.	IP.3441.736.19	IP.3441.736.20	IP.3441.736.21	IP.3441.736.22	IP.3441.736.23	IP.3441.736.24	IP.3441.736.16	IP.3441.736.17	IP.3441.736.18