

TC Sinewave Inverter

10500 VA



OVERVIEW

- Solar
- Industry
- Housing
- Battery supervision
- True Sinewave
- Short circuit and overload security

Type	Power kVA	Input VDC	Output VAC	Current A	Case
TC10.5/48-3P	10,5	48	3 x 400	3 x 17	3x 456 x 320 x 211 mm

TECHNICAL DATAS

TC 10.5/48

Input Voltage Range	42.0 ... 64.0V DC
Dynamic Low Voltage Cut Off (depending on load)	42.0 ... 36V DC
Rated current IDCIN	3 x 83A
Current IDCIN max.	3x 251A
Rated Power P10 (10 min at TA=20°C)	11.7kVA
Rated Power P30 (30 min at TA=20°C)	10.5kVA
Continuous Power PD	9.6kVA
Rated Output Voltage UACOUT	3 x 400V AC (short circuit proof)
Output Frequency	50Hz, ± 0.5% (true sinewave)
Rated Output Current IACOUT	3 x 17A
Short Circuit Current IACK (max. 0.5s)	3 x 38A
Allowable CosPhi	0.3 ... 1
Efficiency Factor max.	93%
Consumption 230V AC OK	3 x 16W
Reset after Short Circuit every	30s
Reset after Overload every	30s
Reset after Overtemperature automatically after reaching semiconductor temp.	+45°C
Reset after Battery Failure automatically after reaching UDCIN	
Ambient Temperature range	-25°C ... +50°C
DC-Breaker / fuse	3 x 100A
Temperature and Load controlled fan	ON 55°C / OFF 45°C, PD >80%
Weight	90 kg