

# TC Sinewave Inverter

## 2200 - 3500 VA



### OVERVIEW

- Solar
- Industry
- Public Services (rescue vehicle)
- Housing
- Yachting / Boating
- Lorries / Service-vehicle
- Railway
- Camping, leisure-time activities
- Battery supervision
- True Sinewave
- Standby-Indikation
- Short circuit and overload security

Type	Power VA	Input VDC	Output VAC	Current A	Case
TC 22/48	2.200	48	230	9,6	456 x 320 x 211 mm
TC 35/48	3.500	48	230	15,6	456 x 320 x 211 mm

### TECHNICAL DATAS

	TC 22/48	TC 35/48
Input Voltage Range	42.0 ... 64.0VDC	
Dynamic Low Voltage Cut Off (depending on load)	42.0 ...36.0VDC	
Rated current IDCIN	54A	80A
Current IDCIN max.	96A	210A
Rated Power P10 (10 min at TA = 20°C)	2.700VA	3.900VA
Rated Power P30 (30 min at TA = 20°C)	2.200VA	3.500VA
Continuous Power PD	2.000VA	3.200VA
Rated Output Voltage UACOUT	230V AC, ± 2% (short circuit proof)	
Output Frequency	50Hz, ± 0.5% (true sinewave)	
Rated Output Current IACOUT	9.6A	15.6A
Short Circuit Current IACK (max. 0.5s)	16A	24A
Allowable CosPhi	0.3 ... 1	
Efficiency Factor max.	93%	93%
Consumption 230V AC OK	12W	12W
Reset after Short Circuit every	60s	
Reset after Overload every	60s	
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	80A	100A
Temperature and Load controlled fan	ON 55°C / OFF 45°C, PD >80%	
Weight	20 kg	30 kg