

# TC Sinewave Inverter

## 2000 - 2500 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 25/110	2.500	110	230	12	456 x 320 x 211 mm
TC 20/36	2.000	36	230	9	456 x 320 x 211 mm

### TECHNICAL DATAS

	TC 25/110	TC 20/36
Input Voltage Range	96.0 ... 148.0VDC	31.0 ... 47.0VDC
Dynamic Low Voltage Cut Off (depending on load)	96.0 ...84.0VDC	31.0 ...27.0VDC
Rated current IDCIN	27A	61A
Current IDCIN max.	74A	180A
Rated Power P10 (10 min at TA = 20°C)	2.900VA	2.500VA
Rated Power P30 (30 min at TA = 20°C)	2.500VA	2.200VA
Continuous Power PD	2.200VA	1.800VA
Rated Output Voltage UACOUT	230V AC, ± 2% (short circuit proof)	
Output Frequency	50Hz, ± 0.5% (true sinewave)	
Rated Output Current IACOUT	12A	9A
Short Circuit Current IACK (max. 0.5s)	16A	24A
Allowable CosPhi	0.3 ... 1	
Efficiency Factor max.	93%	93%
Consumption 230VAC OK	13W	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	63A
Temperature and Load controlled fan	ON 55°C / OFF 45°C, PD >80%	
Weight	25 kg	19,5 kg