

# TC Sinewave Inverter

## 500 - 700 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	OutputVAC	Current A	Case
TC 0.5/12	500	12	230	2,1	275 x 155 x 96 mm
TC 0.7/24	700	24	230	3,0	275 x 155 x 96 mm

### TECHNICAL DATAS

	TC 0.5/12	TC 0.7/24
Input Voltage Range	10.5 ... 16.0VDC	21.0 ... 32.0VDC
Dynamic Low Voltage Cut Off (depending on load)	10.5 ... 9.0VDC	21.0 ... 18VDC
Rated current IDCIN	50A	35A
Current IDCIN max.	160A	150A
Rated Power P10 (10 min at TA=20°C)	675VA	1300VA
Rated Power P30 (30 min at TA=20°C)	620VA	1100VA
Continuous Power PD	550VA	710VA
Rated Output Voltage UACOUT	230V AC, ± 2% (short circuit proof)	
Output Frequency	50Hz, ± 0.5% (true sinewave)	
Rated Output Current IACOUT	2.1A	3.0A
Short Circuit Current IACK (max. 0.5s)	6A	8A
Allowable CosPhi	0.3 ... 1	
Efficiency Factor max.	93%	94%
Consumption 230V AC OK	5W	8W
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 ... +60°C	
DC-Breaker / fuse	63A	
Temperature and Load controlled fan	ON 55°C / OFF 45°C, PD >80%	
Weight	5,18 kg	6,8 kg