

# TC Sinewave Inverter

## 1500 - 3000 VA



### OVERVIEW

- Solar
- Industry
- Public Services (rescue vehicle)
- Housing
- Yachting / Boating
- Lorries / Service-vehicle
- Railway
- Camping, leisure-time activities
- Battery supervision
- True Sinewave
- Short circuit and overload security
- Standby-detection
- RS-232 Interface

Type	Power VA	Input VDC	Output VAC	Current A	Case
TC 15/24	1.500	24	230	6,5	385 x 260 x 182 mm
TC 22/24	2.200	24	230	9,6	456 x 320 x 211 mm
TC 30/24	3.000	24	230	13	456 x 320 x 211 mm

### TECHNICAL DATAS

	TC 15/24	TC 22/24	TC 30/24
Input Voltage Range	21.0 ... 32.0V DC		
Dynamic Low Voltage Cut Off (depending on load)	21.0 ... 18V DC		
Rated current IDCIN	72A	110A	150A
Current IDCIN max.	140A	205A	340A
Rated Power P10 (10 min at TA = 20°C)	1.700VA	2.900VA	3.200VA
Rated Power P30 (30 min at TA = 20°C)	1.500VA	2.200VA	3.000VA
Continuous Power PD	1.200VA	2.000VA	2.700VA
Rated Output Voltage UACOUT	230V AC, ± 2% (short circuit proof)		
Output Frequency	50Hz, ± 0.5% (true sinewave)		
Rated Output Current IACOUT	6.5A	9.6A	13A
Short Circuit Current IACK (max. 0.5s)	16A	24A	35A
Allowable CosPhi	0.3 ... 1		
Efficiency Factor max.	93%	93%	94%
Consumption 230V AC OK	12W	12W	22W
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	100A	125A	no
Temperature and Load controlled fan	ON 55°C / OFF 45°C, PD >80%		
Weight	16 kg	20 kg	27 kg

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