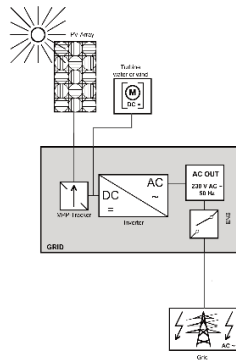


TC Sinewave Inverter

2500 - 4000 W



OVERVIEW

- Solar
- Industry
- Housing
- Turbine DC (wind, water)
- Grid-Connection
- Efficient MPPT (maximal power point tracker)
- MPPT (maximal power tracker)
- 30 days memory with individual day data time/energy overview
- Automatic switch-off in case of grid failure (ENS)

Type	Power W	Input VDC	Output VAC	Current A	Case
Grid 2500/6	2.500	72 – 145	196 – 256	9	456 x 320 x 211 mm
Grid 4000/6	4.000	72 – 145	196 – 256	14	456 x 320 x 211 mm

TECHNICAL DATAS

	GRID 2500/6	GRID 4000/6
Rated Input Power PDCIN	2500 W	4000 W
Input Voltage Range	72 ... 145V DC	
Input Voltage Range	82V DC	
MPP operating Window	82 ... 120V DC	
Consumption	15W operatin / 0W night	
operation starts from PDC	20 W	25 W
Efficiency Factor max.	94%	
Rated Power PAC max.	2250 W	3500 W
Output Voltage range UACOUT	195 ... 256V AC	
Rated Output Current IACOUT	9A AC	14A AC
Output Frequency	49 ... 51 Hz	
CosPhi (Inverter self controlled)		
Grid surveillance single-phase by ENS		
Working Frequency max.	max. 30 kHz (PWM Technologie)	
Ambient Temperature range	-25°C ... +85°C	
Display	LCD	
Temperature and Load controlled fan ON/Off	On / 55°C / Off / 40°C, PD > 80%	
Tailure Alarm contact		
insulated Relay contact		
RS-232 Interface		
optional optical output (9-Pin, female)		
Weight	22 kg	28 kg