

zeversolar energy for everybody.**Menu****de en** Eversol TL1500

Eversol TL1500

> [Residential](#), [Solar Inverters](#)

Introduction

The latest generation of our well-proven, single-phase inverters for smaller residential projects up to 3kW are among most cost effective and reliable inverters on the market.

Features

- Maximum efficiency of 97%
- Wide range of DC input and MPPT voltage
- Low turn-off DC voltage
- Available with or without integrated DC-switch
- High protection class:IP65
- Comprehensive function of fault detection

Technical Data**Download**

DC input data

Max. PV array power [W]	1800
Max. DC voltage [V]	500
Rated input voltage[V]	360
MPP voltage range [V]	90-450
Full load MPP voltage range [V]	150-450
Switch-off DC Voltage [V]	70
Start voltage [V]	125
Max. DC current [A]	12

Max. number of parallel inputs	1
Number of MPP trackers	1
Switch-on power [W]	10

Output data

Rated AC power [W]	1500
Max. apparent AC Power [VA]	1650
Rated AC grid voltage [V]*	220,230,240
Rated AC grid frequency [Hz]*	50
AC voltage range [V]*	180-280
AC frequency range [Hz]	According to local codes
Rated current @ 230 Vac [A]	6.5
Max. current [A]	9
Power factor	> 0.99 (0.95 inductive ... 0.95 capacitive)
Harmonic distortion (THD) at rated output	< 2 %
Power consumption at night [W]	< 1
Power consumption at standby [W]	6

MPPT efficiency

MPPT adaptation efficiency	99.50 %
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Conversion efficiency

Max. efficiency	97.00 %
European weighted efficiency (at 360VDC)	96.50 %

Safety equipment

DC Insulation monitoring	Integrated
Earth fault protection	Integrated
Mains monitoring	Integrated
Earth fault current monitoring	Integrated

Integrated



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