

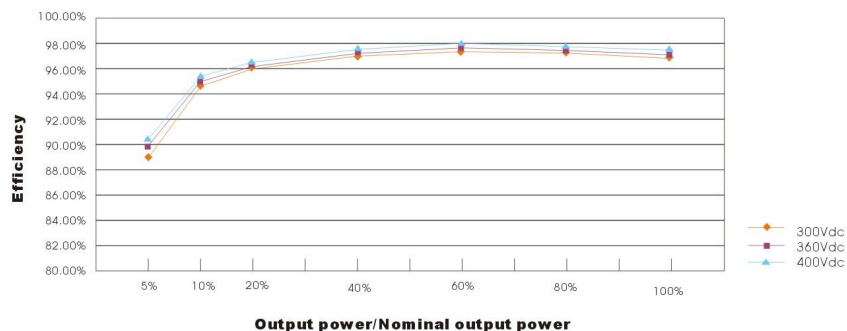


CR-5000DTL

REWATT BENEFITS

- 2 MPPT channels, new generation technology
- Two high speed MPPT for real time power tracking and improved energy harvesting
- Transformerless operation for highest efficiency: 97.4% (97.0% Euro)
- Certified grid connected operation according to the international standards
- True Sine Wave Output
- Integrated RS-485/RS-232 serial communication
- Multi-language display
- 2 MPPT channels can be independent or parallel, auto detecting operation

Efficiency curve



Input Data (DC side)	
Max. DC power (Total)	5300W
Max. DC power per MPPT	3000W
Max. DC voltage	500Vdc
MPPT Operating range	100~450Vdc
Number of parallel inputs	2
Number of MPPT trackers	2
Max. input current per MPPT	IN1:15A/IN2:15A
Output Data (AC side)	
Nominal output power	4950W
Max. Output power	4950W
Nominal output current	21.5A
Max. output current	25A
Nominal AC voltage	230Vac
AC voltage range *	190~265Vac
Nominal AC grid frequency	50Hz
AC grid frequency range*	50 ±5 Hz
Power factor (cos φ)	>0.99
Harmonic distortion (THDI)	<3% (at nominal output power)
Efficiency	
Max. efficiency	97.4%
Euro efficiency	97.0%
MPPT efficiency	99.6%
General data	
Dimensions (W / D / H)	345*152*435 mm
Net weight	18Kg
Operating temperature range	-25 °C ~ +60 °C
Noise emission (typical)	≤ 25 dB (A)
Power consumption at night	0 W
Electrical isolation	Transformer-less
Cooling concept	Natural cooling
IP Code	Ip65
Communication	RS-232 (RS-485 is optional)

* AC grid voltage range and frequency range depend on local standards.

MODEL SUMMARY

Model name	Output power
CR-5000DTL	4950W
CR-5000TL-S	4950W

-S suffix indicate an integrated DC switch

STANDARDS AND CODES

REWATT inverters comply with standards set for grid-tied operation, safety and electromagnetic compatibility including: VDE0126-1-1, DK5940, AS4777, IEC 62109-1, IEC62109-2, EN50178, EN61000, G83/1, CE certification.