



CONERGY

Inverter | Technical data

Conergy WR 1700-3300

The Conergy WR series combines contemporary design with the technology of the future. The integrated display - a standard feature on all models in the series - provides access to all relevant system variables. Data logging and communication with Conergy WR inverters are possible at any time using a plug-and-play slot-in card system. It is no problem to add desired plug-in cards, e.g. for data transmission, at a later date.

A wide power input range and high efficiency make the Conergy WR series ideal for flexible system dimensioning with all Conergy modules. All Conergy WR inverters are fully compatible in combination with each other for higher system outputs.



	WR 1700	WR 2300	WR 3300
MPP voltage range (V_{MPP})	150–400 V	150–400 V	150–400 V
Max. DC voltage (V_{DCmax})	500 V	500 V	500 V
Max. power (P_{DC})	1,630 W	2,170 W	2,880 W
Recommended max. PV output (P_{DCmax})	2,000 Wp	2,700 Wp	3,600 Wp
Max. input current	10.8 A	14.3 A	19.0 A
Mains voltage (V_{AC})	230 V	230 V	230 V
Frequency (f)	50 Hz	50 Hz	50 Hz
Nominal power (P_{AC})	1,300 W	1,800 W	2,500 W
Max. power (P_{AC})	1,500 W	2,000 W	2,650 W
Harmonic distortion factor (k)	< 3.5 %	< 3.5 %	< 3.5 %
Max. efficiency	94.2 %	94.3 %	94.3 %
Mechanical size (H x B x T)	366 x 344 x 220 mm	366 x 344 x 220 mm	366 x 344 x 220 mm
Weight	9 kg	9 kg	9 kg
Cooling	Regulated forced ventilation		
Temperature range	–20 to 50 °C		
Ingress protection	IP 21 (optionally IP 45)		
DC isolation measurement	Warning at RISO < 500 k Ohm		
DC surge voltage protection	Integrated		
Inverse polarity protection	Integrated		
Behaviour on DC overload	Shift the operating point		

Available from:

W17x33-TD-ENG-0612

PHOTOVOLTAICS