

SOLAR
Grid PV Inverter



2000/2800/4000/4600/10000 Watt

Over 99% MPP Tracker efficiency

95 - 97% conversion efficiency

Communication Interface

Meets VDE & TUV Nord

Transformless design

1 -3 Phase Output

THD 3%

LCD Display

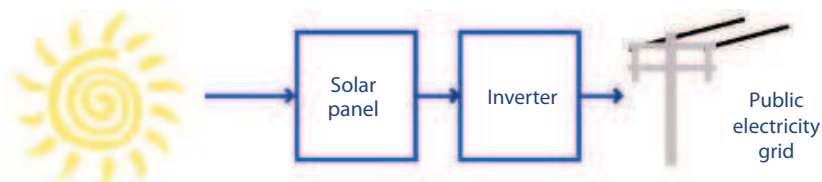
Power Factor ~1

1 to 3 MPP Tracker

Indoor / Outdoor Use

3 Years Warranty

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Technical data >>

MODEL
Nominal AC Power
Max. AC Power
INPUT
Nominal DC Voltage
Max. PV open DV Voltage
MPPT range
Working range
Max. inout current
Number of MPPT
OUTPUT
Operation voltage
Operation frequency
Current distortion
Power factor
Conversion efficiency (max.)
European efficiency
SYSTEM
Protection degree
Operating temperature
Humidity
Heat dissipation
Acoustic noise level
COMMUNICATION & FEATURES
Communication Interface
MECHANICAL
Dimensions (WxDxH) mm
Weight

Smart 2K	Smart 2.8K	Smart 4K	Smart 4.6K	Smart 10K
2000W	2800W	4000W	4600W	10000W
2200W	3000W	4400W	5100W	11000W
380VDC		600VDC		700VDC
450VDC		700VDC		800VDC
150-450VDC		125-700VDC		420-800VDC
120-450VDC		100-750VDC		420-800VDC
10A DC	13A DC	20A DC	8,6A DC per tracker	8,6A DC per tracker
1	1	1	3	3
196-253VAC				400VAC +10%
50/60Hz Auto selection				
< 3%				
~ 1,0				
> 96%			> 97%	
> 94%			> 94,5%	
> 94%		> 94,5%		> 96%
IP43 (Indoor)		IP65 (Outdoor)		
- 20° C to 55° C				
0 to 95%, non-condensing				
Convection				Force air cooling variable fan speed
< 30dBA				< 45dBA
RS232 (standard) RS485 (optional) Remote Monitoring (optional)				
350x302x120	350x302x135	424x366x120	430x530x130	585x455x155
11,4kg	12,5kg	16,4kg	27kg	35kg