

Specifications	3000 Watt
Input data	
Max.DC power	3160W
Max.DC voltage	500V
Recommended system voltage	383V
System start-up voltage	150V
PV voltage range MPPT	110V-480V
Full load voltage range MPPT	250V-400V
Max.input current	13A
DC voltage ripple	< 5%
Output data	
Nominal AC output	2800W
Max.AC power	3000W
Max.output current	16A
THD of AC current	< 3%
Norminal grid voltage	220V/230V/240V
Norminal grid frequency	50Hz
Power factor (cos φ)	0.99
Number of feed-in phases	single-phase
Efficiency	
Max.efficiency	96.60%
MPPT efficiency	99.50%
Device protection	
Reverse polarity protection	short-circuit diode
DC switch	Yes
Short-circuit proof	Yes
Ground fault monitoring	Yes
Grid monitoring	Yes
Over-voltage protection	Yes
Over-current protection	Yes
Active anti-islanding	Yes
Ground fault current detection	Yes
General data	
Dimensions (height x width x depth)	360/500/194
Weight	18.4kg
Noise level	<30 dB
Power consumption night	< 0.2W
Power consumption standby	5W
Cooling	free convection
Features	
On/off mode	Auto
Display	LCD/LED
Accessory interfaces	RS485/RS232