

Input Data(AC)				
Nominal AC output Power	3000W	4000W	5000W	6000W
Maximum AC output Power	3300VA	4400VA	5500VA	6600VA
Maximum AC output current	5.0A	6.7A	8.3A	10.0A
Nominal output voltage/range	400V/310-476V			
Nominal frequency/range	50Hz, 60Hz/±5Hz			
Power factor	1			
Power factor adjustment range	0.8 lead -0.8 lag			
THOI	<3%			
AC connection type	3W+N+PE			
Efficiency				
Efficiency in China	97.5%			
MPPT efficiency	99.9%			
Protection				
DC polarity reverse connection protection	Yes			
DC input switch	Yes			
DC SPD protection	Class II			
Insulation impedance detection	Yes			
AC SPD protection	Class II			
AC short-circuit protection	Yes			
Electric heater fault detection	Optional			
Other parameters				
Dimensions(Width/height/thickness)mm	425/321/138			
Weight	13.5kg			
Operation temperature range	-25°C...+60°C			
Attitude	No derating below 2000m			
Night self consumption	<1W			
topological structure	No transformer			
Cooling method	Natural cooling			
Protection degree	IP66			
humidity	0~100%, no condensing			
Characteristics				
DC input connector	H4/MC4(optional)			
AC output connector	Waterproof PG +OT terminal			
display	LED/MIFI+APP			
Communication connector:USB/RS485WIFI/GPRS/4G	Yes/yes/optional/optional/optional			
Warranty: 5 years/10 years	standard/optional			
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