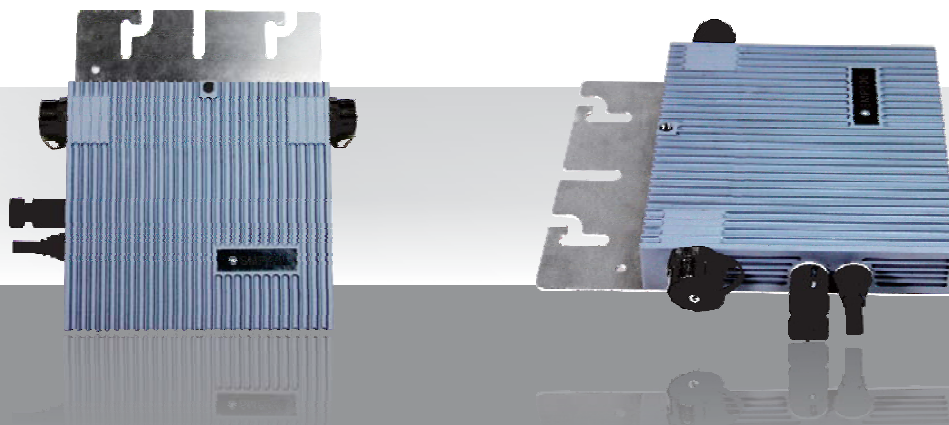


# Micro-inverter

## Omniksol-SMP300



Product data updates continuously. Any data change will not be informed exclusively.

# Technical Data

## Omniksol-SMP300

Type	Omniksol-SMP300
<b>Input(DC)</b>	
Max. PV Module Power [W]	320
Max. DC Voltage [V]	50
Operating MPPT Voltage Range [V]	24 - 45
MPPT Voltage Range at Nominal Power [V]	26 - 45
Start Voltage [V]	18
Max. DC Current[A]	9.5
Max. DC Short Circuit Current[A]	15
<b>Output(AC)</b>	
Max.AC Power [W]	270
Nominal AC Power [W]	250
Nominal Grid Voltage [V]*	207 - 253
Nominal Grid Frequency [Hz]*	49 - 50.5
Nominal AC Current [A]	1.09
Max. AC Current [A]	1.19
Power Factor	>0.99
Total Harmonic Distortion (THD)	<3%
Night time Power Consumption [mW]	120
Max. Units Per Branch	16
<b>Efficiency</b>	
Max. Efficiency	96.7%
CEC Efficiency	96.5%
MPPT Efficiency	99.8%
<b>Physical Structure</b>	
Dimensions (WxHxD) [mm]	168x162x34.5
Weight [kg]	1.89
Environmental Protection Rating	IP 67
Cooling Concept	Natural convection
<b>General Data</b>	
Operating Ambient Temperature Range [ ]	-40 to +65
Operating Internal Temperature Range [ ]	-40 to +85
Data Communication Interfaces	PLCC
Guarantee	10 years

\* The AC voltage and frequency range may vary depending on specific country grid.

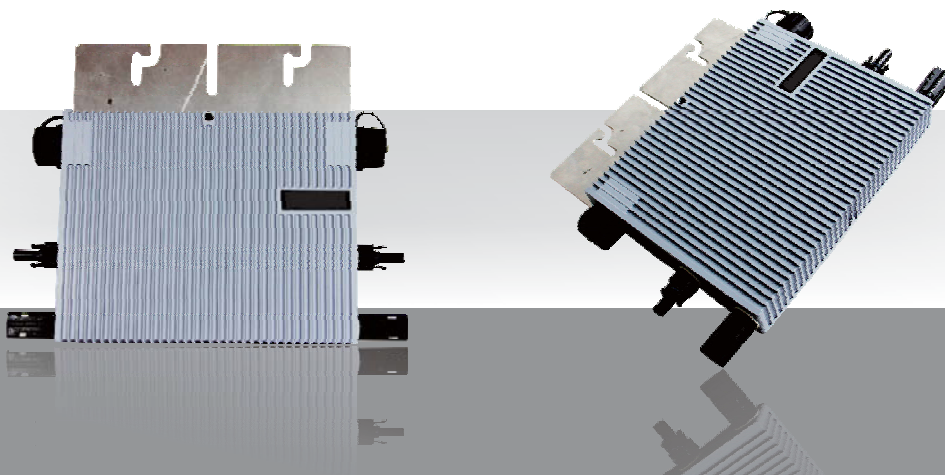
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# Micro-inverter

## Omniksol-SMP600



Product data updates continuously. Any data change will not be informed exclusively.

# Technical Data

## Omniksol-SMP600

Type	Omniksol-SMP600
<b>Input(DC)</b>	
Max. PV Module Power [W]	320 x 2
Max. DC Voltage [V]	50
Operating MPPT Voltage Range [V]	24 - 45
MPPT Voltage Range at Nominal Power [V]	26 - 45
Start Voltage [V]	18
Max. DC Current[A]	9.5
Max. DC Short Circuit Current[A]	15
<b>Output(AC)</b>	
Max.AC Power [W]	550
Nominal AC Power [W]	500
Nominal Grid Voltage [V]*	207 - 253
Nominal Grid Frequency [Hz]*	49 - 50.5
Nominal AC Current [A]	2.17
Max. AC Current [A]	2.39
Power Factor	>0.99
Total Harmonic Distortion (THD)	<3%
Night Time Power Consumption [mW]	120
Max. Units Per Branch	8
<b>Efficiency</b>	
Max. Efficiency	96.7%
CEC Efficiency	96.5%
MPPT Efficiency	99.8%
<b>Physical Structure</b>	
Dimensions (WxHxD) [mm]	218x174x34.5
Weight [kg]	2.35
Environmental Protection Rating	IP 67
Cooling Concept	Natural convection
<b>General Data</b>	
Operating Ambient Temperature Range [ °C ]	-40 to +65
Operating Internal Temperature Range [ °C ]	-40 to +85
Data Communication Interfaces	PLCC
Guarantee	10 years

\* The AC voltage and frequency range may vary depending on specific country grid.

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