

SOLAR INVERTER

PV9000

6KW

IP21



MODEL PV9000 (6KW)

Rated Power	6000W
Phase	1 phase in / 1 phase out
Maximum PV Input Power	4500W (4000W)

GRID TIED OPERATION

Grid Feeding	3000W
Maximum DC Voltage	500Vdc
Start-up Voltage	90Vdc
MPPT Voltage Range	60-450Vdc
Number of MPPT Trackers / Maximum Input Current	2 / 18A

GRID OUTPUT (AC)

Nominal Output Voltage	220/230/240Vac
Output Voltage Range	164.5-265Vac
Nominal Output Current	26.5A
Power Factor	>0.99

EFFICIENCY

Maximum Conversion Efficiency (DC/AC)	97%
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OFF-GRID OPERATION

AC INPUT

AC Start-up Voltage / Auto Restart Voltage	170-280Vac / 180Vac (UPS)
Acceptable Input Voltage Range	90-280Vac or 170-280Vac (UPS)
Frequency Range	50 Hz / 60 Hz (Auto sensing)
Maximum AC Input Current	26.5A

GENERAL

PHYSICAL

Dimension (DxWxHmm)	360 x 290 x 100
Net Weight (kg)	4.92

INTERFACE

Communication Port	Built-in RS232 / WiFi (Optional)
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ENVIRONMENT

Humidity	5% to 95% (Relative Humidity Non-condensing)
IP Degree	IP21
Operating Temperature	-10°C - 60°C
Storage Temperature	-15°C - 60°C



High
efficiency



Smart
MPPT



Reliable
performance



Wide
input range

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