

SOLAR INVERTER

PV14000

10KW

IP21



MODEL	PV14000 (10KW)
Rated Power	10KW
Phase	Single-Phase
Operation Mode	On-Grid & Off-Grid
Pure Sine Wave Output	Yes

PV INPUT	
Maximum PV Input Power	4500W – 13,500W
Grid Feeding Supported	Up to 5500W

DC INPUT	
Maximum DC Voltage	500V DC
MPPT Voltage Range	60 – 450V DC
Number of MPPT Trackers	3 MPPT (8A each)

AC OUTPUT	
Nominal Output Voltage	220 / 230 / 240V
Output Voltage Range	195.5 – 253V
Nominal Output Current	43.5A
Power Factor	>0.99

AC INPUT	
AC Input Voltage Range	90 – 280V (UPS supported)
Frequency	50 / 60Hz (Auto sensing)

EFFICIENCY	
Maximum Conversion Efficiency	Up to 97%

COMMUNICATION	
Built-In Communication	RS232
Wi-Fi Monitoring	Optional

ENVIRONMENT	
IP Protection	IP21
Operating Temperature	-10°C to 50°C

OTHER FEATURES	
Battery Compatible	Yes (for Off-Grid Use)
Design	Compact & Durable

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