

Grid-tied Solar Power Inverter

1.5kW - 4kW

PV-21500 PV-22000
PV-23000 PV-24400



Simple Efficient Reliable

- LCD**
display
- DSP**
technology
- Protection**
- Easy plug**
connectors
- Pure Sine**
Wave Output
- IP 65**
- RS**
232/485
- MPPT**
technology
- Modbus**
interface

Transformerless design



Model	PV-21500	PV-22200	PV-23000	PV-24400
Nominal power	1500W	2000W	3000W	4000W
Maximum power	1800W	2200W	3600W	4400W
Input (DC)				
Nominal voltage	370V	370V	370V	370V
Working voltage range	150 - 500V	150 - 500V	150 - 500V	150 - 500V
Max. input current	10A	10A	18A	18A
Output (AC)				
Operational voltage	220V / 230V / 240V (1 Φ 2W)		220V / 230V / 240V (1 Φ 2W)	
Operational frequency	50 / 60Hz auto select		50 / 60Hz auto select	
Power factor	> 0.99 @ Full-load		> 0.99 @ Full-load	
Current distortion	< 4 %	< 4 %	< 3.5 %	< 3.5 %
Maximum efficiency	> 95%	> 95%	> 96%	> 96%
Safety	VDE-0126-1-1, EN50178, IEC62103		VDE-0126-1-1, EN50178, IEC62103	
Environment				
Protection degree	IP43 / IP65	IP43 / IP65	IP43 / IP65	IP43 / IP65
Operation temperature	-20 to 40 °C	-20 to 40 °C	-20 to 40 °C	-20 to 40 °C
Humidity	0 - 95%, non-condensing		0 - 95%, non-condensing	
Heat dissipation	Convection	Convection	Convection	Convection
General information				
W x H x D (mm)	480 x 365 x 175	480 x 365 x 175	480 x 365 x 175	480 x 365 x 175
Weight (kg)	25.5 kg	25.5 kg	25.5 kg	25.5 kg