



ELECRA
PV5600
Off-Grid 4kW-24V



Elecra PV5600

4 kW 24V | Off-Grid | Single Phase | IP21

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Built-in Wi-Fi for Online Monitoring
(Andriod/ IOS App is available)
- 

Dual Output:
For Smart & Heavy Load
- 

Solar Power
Integration
- 

Max PV Voltage:
500V DC
- 

Durability and Protection
with IP21 Rating
- 

Touch Button LCD Display:
4.3" Colored LCD
- 

Supports Battery Equalization
to Extend Life Cycle
- 

Pure Sine Waves
- 

MPPT Range:
69V ~ 450V
- 

Built-in BMS / RS 485 (Battery
Management System)
- 

Enhanced Charging Power: 120A
- 

Anti Dust Filter Kit
(External)
- 

Supports USB
On-the-Go
- 

Built-in
Circuit Breaker
- 

Compatible with Li-Ion/
LiFePO4 Battery / Lead Acid
- 

Works with & without
Battery 24V
- 

Max PV Input:
5600W
- 

Smart & Safe
- 

Multiple Operations Mode: Off Grid
& Backup

*Terms & Conditions Apply



TECHNICAL DATASHEET

Technical Datasheet		Elecra PV5600
		4000VA/4000W
Input	Voltage	230 VAC
	Selectable Voltage Range	170-280V AC (for personal computers) 90-280 VAC (for home appliances)
	Frequency Range	50 Hz/60 Hz (Auto sensing)
Output	AC Voltage Regulation (Batt. Mode)	230V AC $\pm$ 10%
	Surge Power	8000VA
	Efficiency (Peak)	90% ~ 93%
	Transfer Time	10 ms (for personal computers) 20 ms (for home appliances)
	Waveform	Pure Sine Wave
Battery	Battery Voltage	24 VDC
	Floating Charge Voltage	27 VDC
	Overcharge Protection	33 VDC
Solar Charger & AC Charger	Solar Charger type	MPPT
	Maximum PV Array Power	5600W
	MPP Range @ Operating Voltage	60 ~ 450 VDC
	Maximum PV Array Open Circuit Voltage	500 VDC
	Maximum PV Input Current	27A
	Maximum Solar Charge Current	120A
	Maximum AC Charge Current	100A
	Maximum Charge Current	120A
Physical	Dimension, D x W x H (mm)	119 x 313.6 x 457.5
	Net Weight (kgs)	10
	Communication Interface	USB/RS232/RS485/Wi-Fi/Dry-contact
Operating Environment	Humidity	5% to 95% Relative Humidity (non-condensing)
	Operating Temperature	-10°C to 50°C
	Storage Temperature	-15°C to 60°C

- Note: Product specifications are subject to change without further notice.
- Warranty terms: 18 months replacement warranty, 10.5 years service warranty.

