







ELECRA PV5600

Hybrid 4kW-24V
 Single Phase



Efficient Power, Reliable Performance



 Built-In WiFi for Online Monitoring (Andriod/ IOS App is available)	 Dual Output: For Smart & Heavy Load	 Grid-Tied Solar Power Integration	 Max PV Voltage: 500VDC	 Durability and Protection with IP21 Rating
 Touch Button LCD Display: 4.3" Colored LCD	 Supports Battery Equalization to extend lifecycle	 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: Grid Tie, Off Grid & Grid-tie With Backup	 Grid Feeding (Optional)

12 Years Warranty (1 Year Parts + Service Warranty + 11 Years Service Warranty)

*Terms & Conditions Apply



TECHNICAL DATASHEET

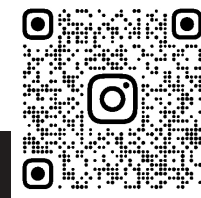
MODEL	Elecra PV5600
RATED POWER	4000VA/4000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 10%
Surge Power	8000VA
Efficiency (Peak)	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/WiFi/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

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