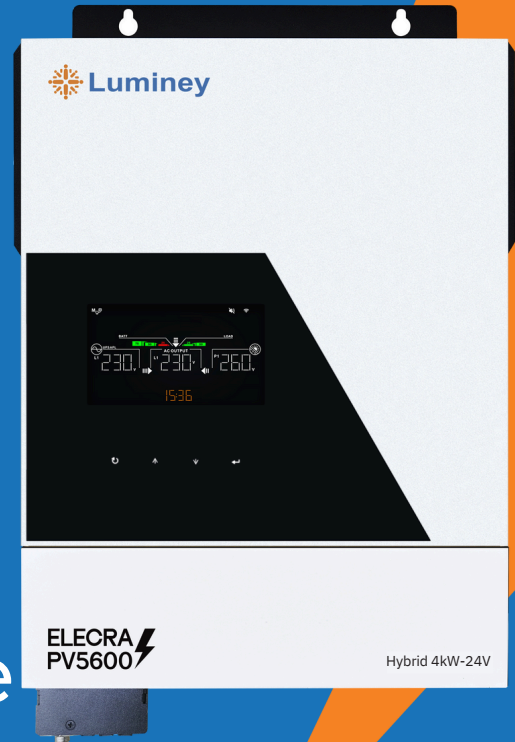


ELECRA PV5600

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, Grid Feeding (Optional)
Off Grid & Grid-tie With Backup



12 Years Warranty (18 Months Parts & Service + 10.5 Years Service Warranty)

*Terms & Conditions Apply

TECHNICAL DATASHEET

MODEL	Elegra 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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