Luminey

ELECRA PV5600

Hybrid 4kW-24V
Single Phase

WARRANTY 12 YEARS Terms & Conditions Apply

Efficient Power, Reliable Performance

ELECRA PV5600
Hybrid 4kW-24V

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

Dual Output: For Smart & Heavy Load

Grid-tied 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: Grid Tied, Off Grid & Grid-tied with Backup

Grid Feeding (Optional)

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

*Terms & Conditions Apply

www.luminey.com   UAN: 0311-1777055

TECHNICAL DATASHEET

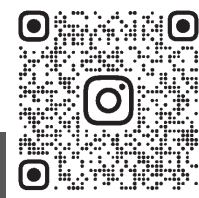| MODEL	Elecra PV5600
RATED POWER	4000VA/4000W
INPUT	
Voltage	230V AC
Selectable Voltage Range	170-280V AC (for personal computers) 90-280V AC (for home appliances)
Frequency Range	50 Hz/60 Hz (auto-sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230V AC ± 10%
Surge Power	8000VA
Efficiency (Peak)	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

www.luminey.com

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