

ELECRA PV4000

Hybrid 3kW-24V
Single Phase



Efficient Power, Reliable Performance



Built-in BMS (Battery
Management System)



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



Durability and Protection
with IP21 Rating



Grid-tied Solar
Power Integration



Works With & Without
Battery 24V



Enhanced Charging Power:
100A



Max PV Input:
4000W



Smart & Safe



Supports USB
On-the-go



Pure Sine Waves



Supports Battery Equalization
to Extend Life Cycle



Detachable LCD
Control (upto 20 m)



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



Compatible with Li-Ion/
LiFePO4 Battery / Lead Acid



MPPT Range:
120V ~ 450V



Max PV Voltage:
500VDC



Multiple Operations Mode: Grid Tie,
Off Grid & Grid-tie With Backup

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

*Terms & Conditions Apply



TECHNICAL DATASHEET

MODEL		Elecra PV4000
RATED POWER		3000VA/3000W
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		6000VA
Efficiency (Peak)		90% ~ 93%
Transfer Time		15 ms (for personal computers) 20 ms (for home appliances)
Waveform		Pure Sine Wave
Dual Outputs		Yes
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		4000W
MPP Range @ Operating Voltage		120 ~ 450 VDC
Maximum PV Array Open Circuit Voltage		500 VDC
Maximum Solar Charge Current		100A
Maximum AC Charge Current		100A
Maximum Charge Current		100A
PHYSICAL		
Dimension, D x W x H (mm)		115 x 300 x 400
Net Weight (kgs)		9
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

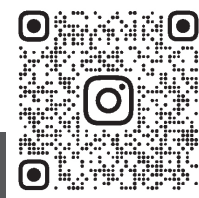
Note: Product specifications are subject to change without further notice



www.luminey.com



Whatsapp



Instagram



Youtube

Lahore Luminey Customer Care
Plot No. 87 Block G-1, MA Johar
Town, Lahore
0370-1158479

Multan Luminey Customer Care
Chowk Dera Adda, Opposite Hotel
Firdos, Azmat Wasti road, Multan
0370-1158480

Faisalabad Luminey Customer Care
3676, Old Motor Market, Sector 1,
Jhang Road, Faisalabad.
0370-1158481

Islamabad Luminey Customer Care
Plot # 213, Street # 7, I-9/3,
Islamabad.
0370-1158482

Peshawar Luminey Customer Care
Shop # 24 - 27, Block A, 1st Floor Palace, Shopping
Plaza, Karkhano Market, Jamrud Road, Peshawar
0311-1777055