

Voltronic LiFe-485000

The Voltronic Power LiFe-485000 is a cutting-edge energy storage system designed for optimal performance. With a nominal voltage of 48V and a capacity of 5Ah, this system ensures reliable and efficient energy storage for various applications.

Models Covered: LiFe-485000

Manufacturer: Voltronic Power Technology Corp.

Application: The LiFe-485000 is perfect for residential and commercial energy storage, backup power systems, and renewable energy integration.

LITHIUM UPS

LITHIUM ION (LIFEPO4) BATTERY

48V NOMINAL VOLTAGE

5AH NOMINAL CAPACITY

240WH WATT HOUR RATE

Technical Specifications

Technical Specifications		
Parameter	Value	
Battery Specifications		
Nominal Voltage	48V	
Nominal Capacity	5Ah	
Watt Hour Rate	240Wh	
Certifications		
Inspection According to	EEC Directive 93/112/EC	UN Recommendations on the TRANSPORT OF DANGEROUS GOODS
Mechanical Data		
Appearance	Square	

Note: Specifications are based on the official Voltronic Power datasheet. Values may be subject to change; always verify against the latest manufacturer documentation.

Key Features

Lithium Ion (LiFePO4) Battery

48V Nominal Voltage

5Ah Nominal Capacity

240Wh Watt Hour Rate

Applications & Use Cases

Typical Applications

- Data centers
- Hospitals and medical facilities
- Banks and financial institutions
- Telecommunications
- Factories and industrial facilities

Frequently Asked Questions

▼ What are the main performance specifications of the LiFe-485000?

The LiFe-485000 has a nominal voltage of 48V and a nominal capacity of 5Ah, providing a watt-hour rate of 240Wh. It is designed for efficient energy storage and delivery.

► Is the LiFe-485000 compatible with other battery types or solar panels?

► What are the physical specifications of the LiFe-485000?

► What are the installation requirements for the LiFe-485000?

► What warranty is offered with the LiFe-485000?

► What certifications does the LiFe-485000 have?

► What are the operating conditions for the LiFe-485000?

► What are the key features and benefits of the LiFe-485000?

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

[Official Source & Documentation](#)

This technical datasheet is derived from official manufacturer documentation provided by **Voltronic Power Technology Corp.**. For the latest specifications and updates, visit the manufacturer's website.

- **Manufacturer Website:** voltronicpower.com
- **Technical Support:** support@voltronicpower.com
- **Sales Inquiries:** sales@voltronicpower.org
- **Data Source:** Official Datasheet - Voltronic Power Technology Corp.

Disclaimer: All specifications are based on the official datasheet. Specifications are subject to change without notice. Please verify with the manufacturer for the most current information.

Last Updated: February 2026 | **Document Version:** 1.0 | **Published by:** Voltronic Power UAE (voltronicpower.org)