



MW Engineers 2496Wh LiFePO4 Portable Power Generator

Product Data Sheet - Model: MWE-LFP2496

Product Overview

The MWE-LFP2496 is a compact, high-performance LiFePO4 backup power generator designed for portability and versatility. It delivers clean, quiet, and efficient power for tradespeople, caravans, emergency services, and off-grid use. With 240V AC pure sine wave output, USB and Type-C ports, and solar-ready charging, this unit is a powerful alternative to traditional diesel generators.

Specifications

Feature	Details
Rated Output Power	2400W
Peak Output Power	4800W
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Capacity	2496Wh
Cycle Life	≥3000 cycles (at 80% Depth of Discharge)
AC Output	AC240V, 50Hz/60Hz, Pure Sine Wave
DC Output	DC12V, QC 3.0 (4x USB), PD 3.0 (2x Type-C, 100W max total)
Input Charging Options	12V–60V, 500W Max MPPT (Mains / Solar / Vehicle)
Operating Temp Range	-10°C to +45°C
Size (LxWxH)	585 × 360 × 385 mm
Net Weight	30 kg
Packaging	1 unit per carton

Key Features

- Compact & Lightweight: Only 30kg – ideal for mobile use
- Pure Sine Wave Output: 240V AC power for sensitive electronics
- Multiple USB & Type-C Ports: Charge devices and tools simultaneously
- Solar-Ready: Supports 500W MPPT solar charging
- Zero Emissions: Clean, silent alternative to diesel generators
- Durable Build: Designed for worksites, travel, and emergency use
- Long Cycle Life: 3000+ charge cycles with consistent performance

Applications

- Construction & Worksite Power Tools
- Emergency Services & Medical Equipment
- Caravan & Off-Grid Power Systems
- Event Power & Mobile Workstations
- Disaster Recovery & Backup Power Supply

Enquiries & Orders

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