PURE ENERGY BATTERY

LITHIUM DEEP CYCLE BATTERY

PE12VG24M-100AH

GROUP 24 / LIFEPO4 / BLUETOOTH

12V 100AH
DEEP CYCLE LITHIUM

A drop-in Group 24 lithium iron phosphate battery built for marine, RV, and off-grid service. Every amp hour is usable, the integrated smart BMS guards against overcharge, over-discharge, short circuit, and thermal fault, and Bluetooth puts state of charge and pack health on your phone. Rated beyond 4,000 cycles and scalable to four batteries in parallel for 400Ah of storage.

12.8V	100Ah	1.28kWh	4,000+
NOMINAL VOLTAGE	RATED CAPACITY	USABLE ENERGY	CYCLE LIFE

SPECIFICATIONS

Battery Model	PE12VG24M-100AH	Max Continuous Discharge	100 A
Nominal Voltage	12.8 V	Max Continuous Charge	50 A
Rated Capacity	100 Ah	Scalability	4P (up to 4 in parallel)
Energy	1.28 kWh	Case Size (Group 24)	10.14 × 6.59 × 8.4 in
Cell Chemistry	LiFePO4	Terminal Type	M8
Cycle Life	>4,000 (0.5C, 80% DOD)	Ingress Protection	IP67
Design Life	10+ Years	Bluetooth Monitoring	Supported
Battery Management	Integrated Smart BMS	Low-Temp Heating	Not Equipped

BUILT IN

100% USABLE CAPACITY
Full 100Ah down to empty without the voltage sag or capacity penalty of lead acid.

SMART & SAFE BMS
Protects against overcharge, over-discharge, over-current, short circuit, and temperature fault.

BLUETOOTH MONITORING
Check state of charge, voltage, current, and cell balance from the mobile app.

EXPANDABLE TO 400AH
Wire up to four batteries in parallel to scale the bank as your power needs grow.

APPLICATIONS MARINE & TROLLING MOTORS / RV HOUSE POWER / SOLAR & OFF-GRID / POWERSPORTS

ENERGY PRODUCTS, INC.
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Specifications are subject to change without notice. Verify fitment, charging profile, and application requirements before installation.