

encore

200%

More Power
Than Chemical
Batteries

5x

Charges Five
Times Faster

50%

Lighter In
Weight

LiFePO₄

4x

Lasts Four
Times Longer

100%

Safe &
Reliable



StoreBOX®

Lithium Iron Phosphate Battery

- Ideal For Solar Hybrid Inverters
- Precise & Intelligent Balancing Algorithm
- Long Life, Deep Cycle & Extremely Safe

48V 24AH - 1152WH





Application

Solar Energy Storage

MODELS	LFP - 48024
Nominal Voltage	48 VDC
Operating Voltage Range	40 Vdc - 54.75 Vdc
Nominal Capacity	24 AH
Nominal Energy	1152 Wh
Continuous Charging	12 Amps.
Fast Charging Current	24 Amps.
Operating Temperature	Charging; 0 ~ 45 C Discharging; -20 ~ 60 C
Continuous Discharging	12 Amps.
Fast Discharging	24 Amps.
Internal Resistance (IR)	< 100mΩ
Storage Temperature	< 1 Year; -20 ~ 25 C < 3 months; -20 ~ 40 C
Dimensions (HxWxD)	(210 x 258 x 170)mm
Weight (Net)	10 Kg
Shelf Life	15 - 20 years
Cyclic Life	3000 - 8000 cycles (From 80% to 30% DoD)



Fast Charge
High Current Handling



Longer Life
High Cycles at 100% DoD



Multiple Parallel Connections



Easy Installation
Plug n Play Replacement



Clean Energy Storage
Best Suited for Hybrid Projects



Intelligent BMS
Precise Balancing Algorithm



"*Encore ThingsNET* provides easy-to-use visibility and control options; which makes us capable of providing the most perfect corporate solutions by maximizing service efficiency. Our prized RMS is a complete IOT solution that brings together people, processes, data and things; to make networked connections more relevant and valuable than ever before!"



"*Encore StoreBOX* provides incomparable longevity and optimization statistics. The embedded microcomputer intelligence, along with our sophisticated proprietary algorithm that goes in each unit, makes us stand out from the rest of the herd. With extensive R&D, we unravel storage solutions that are better than anything out there!"



"*Encore PoweredON* is the energy centric platform of our organization. Our smart product designs offer fully featured devices with the most efficiently designed footprints. Mixing this up with our state-of-the-art proprietary algorithm and our relentless R&D towards innovating renewable energy systems, we provide the most optimal power solutions."

Encore Solutions Pvt. Ltd.

Plaza 44-I, Street 26, Business Bay,
Sector F DHA Phase I,
Islamabad, Pakistan



info@encore.com.co



+92-300-5568248



+92-51-8730000