



The **WISE** Choice

## EASTMAN WORLD

Welcome to Eastman World - Your Global Partner in Energy Solutions!



**LEAD ACID REPLACEMENT  
BATTERY (LiFePO<sub>4</sub>)**

**12V / 24V**

# Eastman Introduction

**Founded in 2006**

Established in 2006, Eastman Auto & Power Limited is a well-known name in the field of solar energy, energy storage, and power electronics, boasting a USD 300 million revenue and a dedicated workforce of over 3,000 professionals. Building on the group's decades-long success and maintaining the trust of our partners, Mr. Jagdish Rai Singal ventured into the future of energy with Eastman Auto & Power Limited. Today, the business spans over 25 countries across Asia and Africa, providing the world with cutting-edge products that have set new benchmarks in their respective segments. Driven by innovation, we continually set industry standards, ensuring uninterrupted power supply for residential, commercial, and industrial applications.

Our global solar distribution business provides reliable and high-quality solar solutions, including solar inverters, solar panels, solar batteries (tubular, carbon, gel and lithium) solar pump inverters, solar charge controllers, and more. Our products offer a range of solutions to help you make the switch to clean energy. With us as your unwavering partners, we forge a sustainable future, amplifying global excellence through transformative products and services.



# LEAD ACID REPLACEMENT BATTERY (LITHIUM)



## Certifications



## Applications

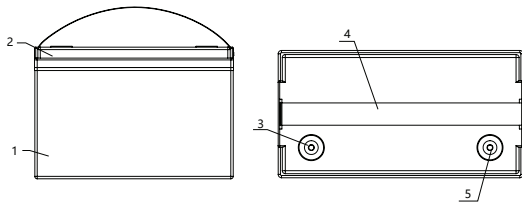
- Solar RV
- Household Solar Energy
- Solar Street Lamp
- Solar Power Generator
- Solar Boat.

## Introduction

Fast charging and discharging capabilities coupled with an extended cycle life. Lithium lead acid replacement battery is the perfect upgrade for reliable, high-performance energy storage.

## Product Features

- Fast charge and discharge: 10 times faster than lead acid battery.
- Long cycle life.
- Wide temperature range: -10°C-65°C
- Light weight: one third of lead acid battery with same capacity.
- Low self-discharge rate 2% per month.
- High strength ABS shell.



1	Box cover	3	M6 Positive terminal (2pcs)
2	Box cover	4	Rope
5	M6 Negative terminal (2pcs)		

## Product Specifications

Models	Rated Voltage "V"	Rated Capacity "Ah"	Recommend Charge Current Amps	Maximum Discharge Current Amps	Size (mm)	Weight (kg)	BMS
EM12.8-6LPH	12.8	6	2.5A	7.5A	90x72x108	0.95	With Hard BMS
EM12.8-8LPH	12.8	8	4A	7.5A	151x65x94	1.05	With Hard BMS
EM12.8-36LPH	12.8	36	15A	30A	195x166x170	5.0	With Hard BMS
EM12.8-50LPH	12.8	50	25A	50A	195x166x170	6.3	With Hard BMS
EM12.8-100LPH	12.8	100	50A	100A	330x173x216	10.3	With Hard BMS
EM12.8-150LPH	12.8	150	50A	100A	483x170x240	16.3	With Hard BMS
EM12.8-230LPH	12.8	230	50A	100A	532x207x215	22	With Hard BMS
EM25.6-100LPH	25.6	100	50A	100A	532x207x215	20.4	With Hard BMS
EM12.8-36LPS	12.8	36	15A	30A	195x166x170	5.0	With Smart BMS
EM12.8-50LPS	12.8	50	25A	50A	195x166x170	6.3	With Smart BMS
EM12.8-100LPS	12.8	100	50A	100A	330x173x216	10.3	With Smart BMS
EM12.8-150LPS	12.8	150	50A	100A	483x170x240	16.3	With Smart BMS
EM12.8-230LPS	12.8	230	50A	100A	532x207x215	22	With Smart BMS
EM25.6-100LPS	25.6	100	50A	100A	532x207x215	20.4	With Smart BMS

## LEAD ACID REPLACEMENT BATTERY

The lead-acid replacement battery preserves the form factor of traditional lead-acid batteries while incorporating high-safety LiFePo4 (Lithium Phosphate) cells. This ensures superior energy density, a broad operating temperature range, and a variety of capacity options, available in both 12V and 24V configurations. This makes replacing lead-acid batteries remarkably convenient, offering substantial cold-start capabilities, capable of initiating even with as little as 20% remaining capacity.





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