



The **WISE** Choice

## EASTMAN WORLD

Eastman has a strong global presence and has tailored its products to meet the needs of the export market, providing high-quality energy storage and solar solutions.



**LITHIUM ENERGY**  
**LEAD ACID REPLACEMENT BATTERY**

# LEAD ACID REPLACEMENT BATTERY

## 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.

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

## Certification



## Product Applications



## 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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