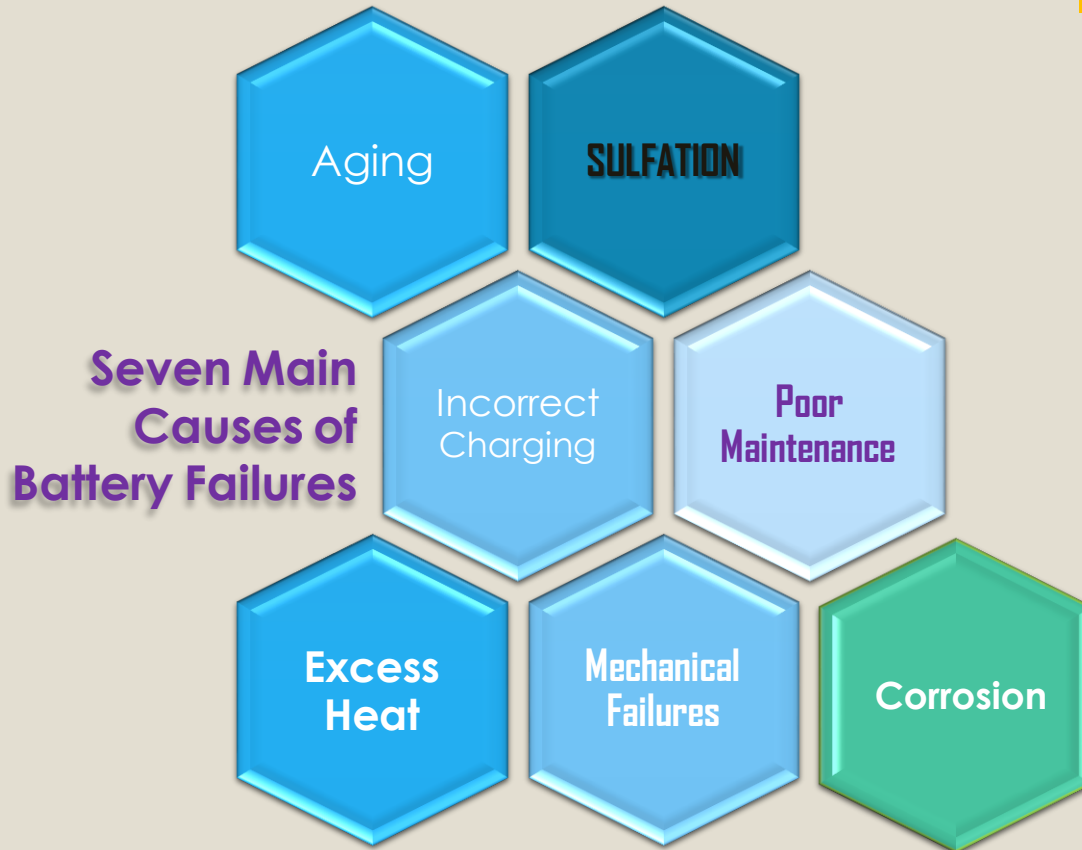


WELCOME TO



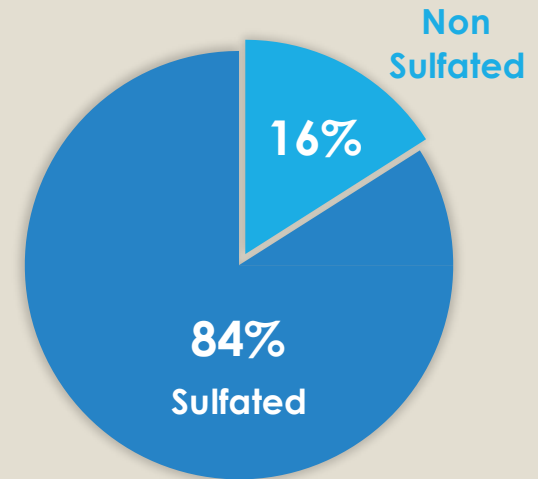
MAXIMISE GAINS REDUCE POLLUTION

Main Causes of Battery Failures

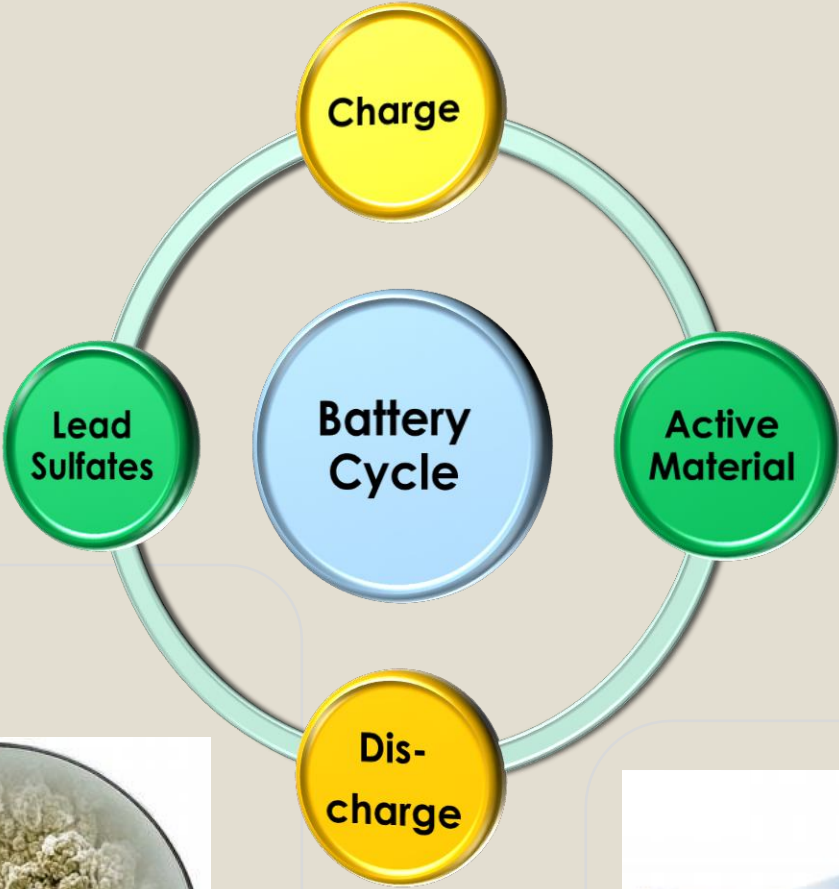


DID YOU KNOW?

“Leading research on battery failures suggest that up to 84% of batteries fail prematurely due to sulfation buildup”.

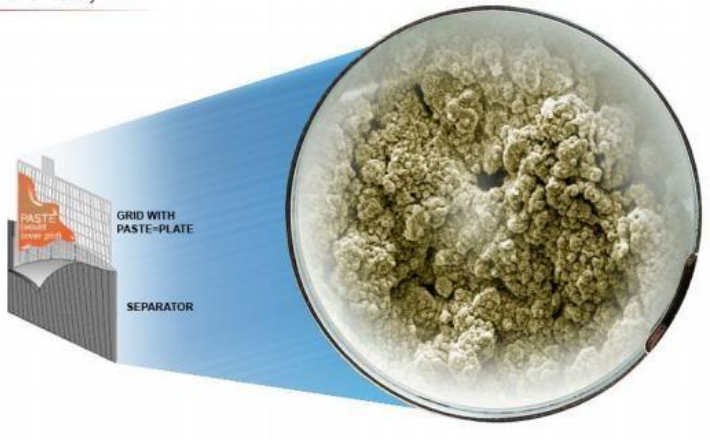


Battery Cycle Failure

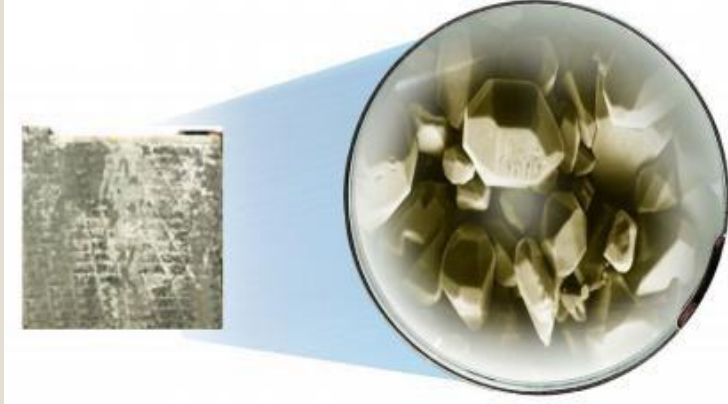


“Studies in battery life confirms that sulfation is the major cause of failure.”

View New Battery

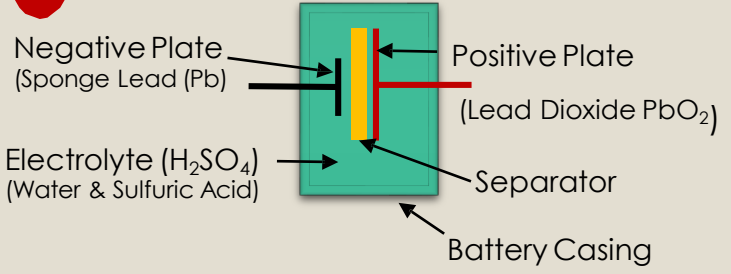


View Aging Battery

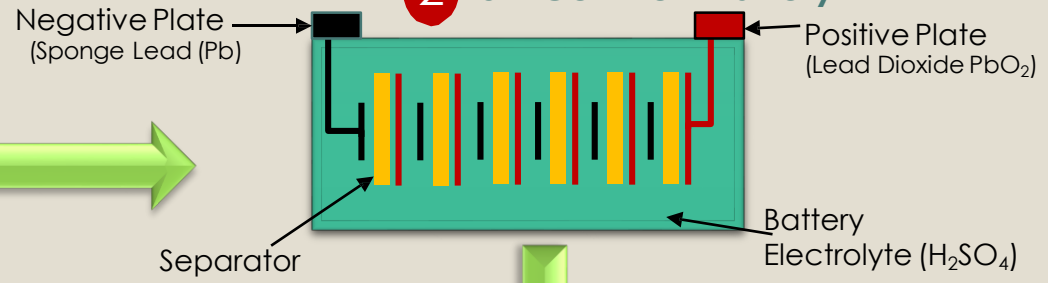


Sulfation Process

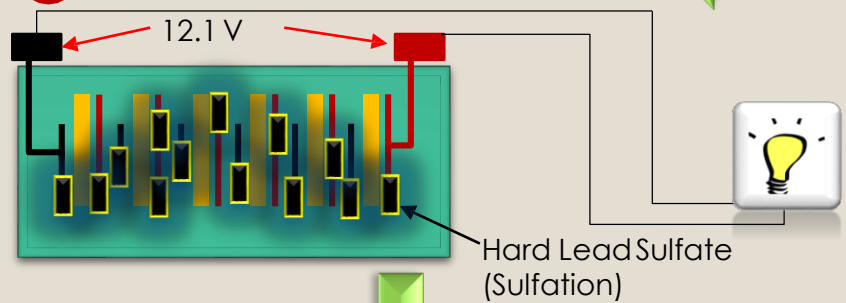
1 One Cell



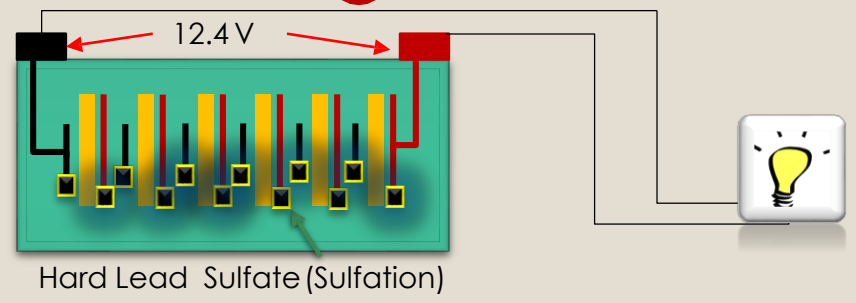
2 Six Cell New Battery



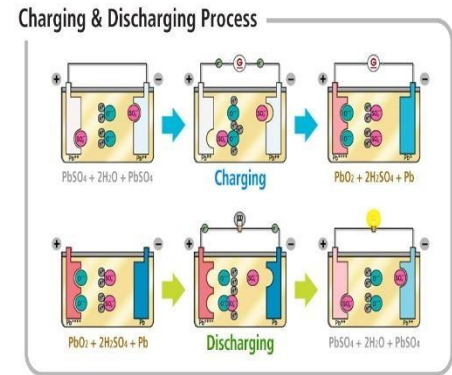
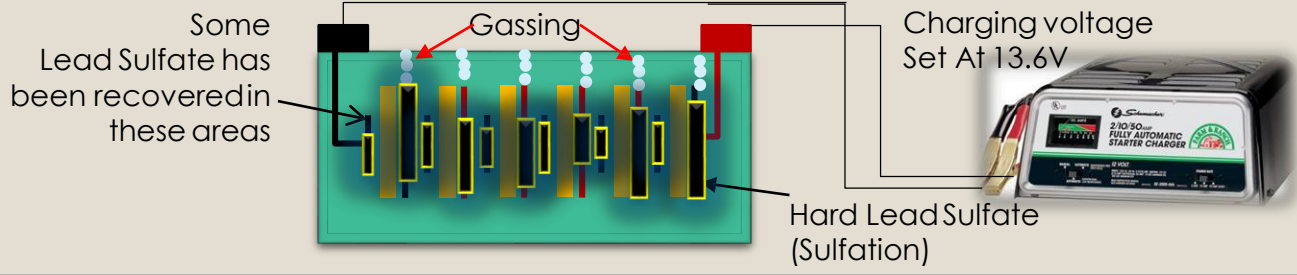
4 Decreased in Voltage & Capacity (Ah)



3 Sulfation Begins

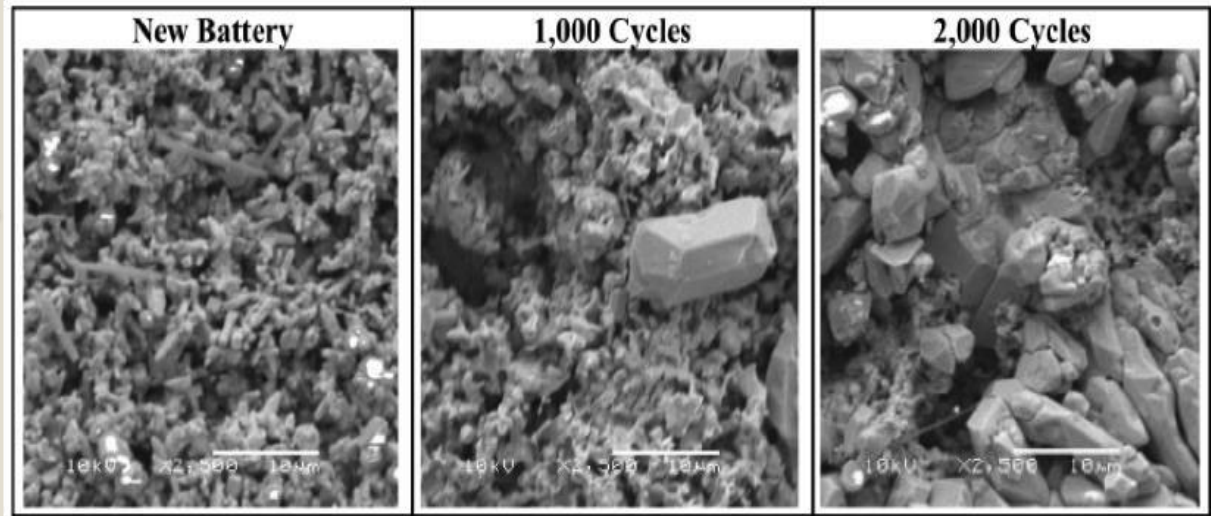
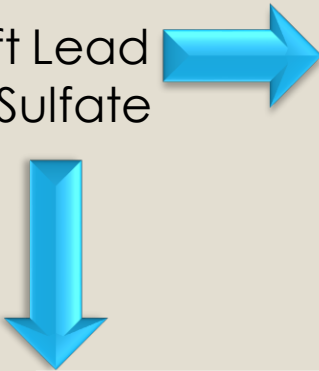


5 Battery Heavily sulfated Now Low in Capacity

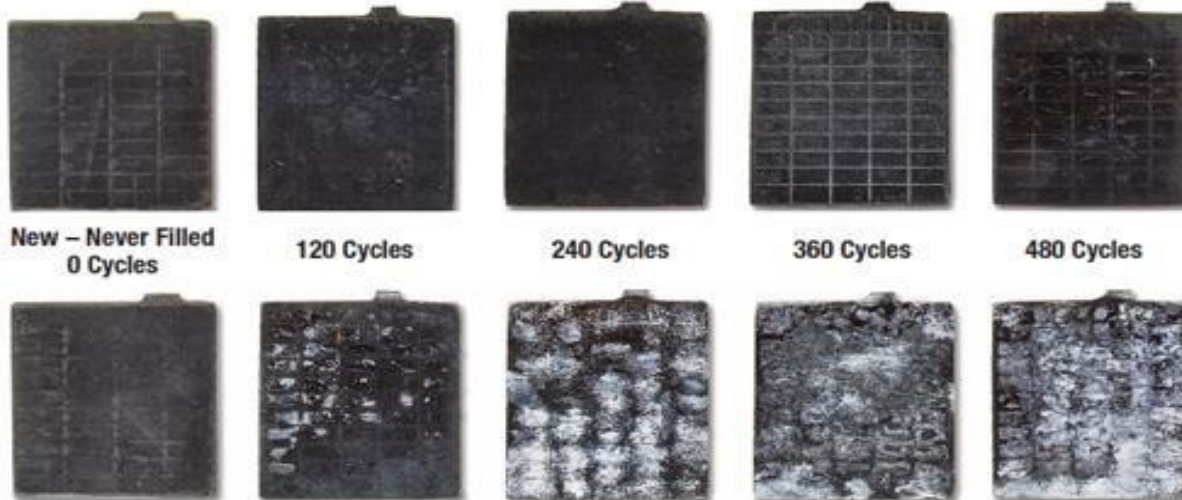


Visual of sulfation

Soft Lead Sulfate



Plates protected against sulfation with BattPlus protection



Plates protected against sulfation & corrosion.



Hard Lead Sulfate



12-Volt Lead-Acid Batteries Charged with Typical Charger



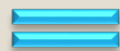
Improve your CAPEX & OPEX Strategies.

What is **BattPlus**

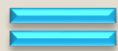
LEAD ACID BATTERY ENHANCER



ECOFRIENDLY + NONE TOXIC + HUMAN FRIENDLY



Ingredients will not harm earth and plants



Ingredients will not cause adverse health effects, either now or long-term.



Components of the ingredients not found in lists for dangerous goods that can harm human health.



BattPlus allows for your business to become more environmentally friendly.

BATTPLUS Benefits for batteries

BattPlus can:



- ❖ Protect against sulfation growth
- ❖ Protects against corrosion growth
- ❖ Extends cycle life of battery
- ❖ Strengthen daily performance
- ❖ Reduce water loss
- ❖ Aids to sustain low resistance to accept charge
- ❖ Help prevents thermal runaway
- ❖ Ensures prolong OEM specified runtime and capacity
- ❖ Doubles battery life span



Overall: BattPlus secure battery is going to have a service life far beyond manufacturer's guarantee.



BENEFITS

CAPEX

- Maximize capital investment because prolongs cycle life of batteries far beyond replacement time
- Reduces Capex by 25% on battery procurement because batteries have longer life span
- Increase Capex savings by 15% annually because savings gained in Opex activities

OPEX

- Maximize operational expenditures because prolongs battery daily usage and reduces charging time
- Reduces equipment and labor downtime if equipment fail due to battery problem
- Reduces Opex because electrical consumption during charging takes less time

WE CAN REVIVE ANY OLD SULFATED LEAD ACID BATTERY



Charging through our Patented Hybrid Machine with special Current Algorithm

H_2O

$\text{PbSO}_4 + \text{P}^+$

$\text{PbO}_2 + \text{H}_2\text{SO}_4$

Internal Parameters of the Batteries are restored to the set parameters of the new Battery

ELECTROCHEM



Infinity Effect

ELECTROCHEM POWER SYSTEMS
PVT. LTD.

www.electrochempower.in