What Causes 80% of Lead Acid Battery Failures?

The primary reason for battery failure is sulfation buildup on the battery plates.

Sulfation……..

- Coats lead acid battery grids with an insulating layer of lead sulfate
- Prevents rapid and efficient recharging of any lead acid battery
- Generates excessive heat during recharging due to loss of battery plate conductivity
- Expands and cracks battery plates internally due to lead sulfate accumulation
- Reduces electricity production by weakening the strength of the sulfuric acid electrolyte or gel
- Shorts any lead acid battery internally due to lead sulfate crystal growth
- Increases the freezability of the battery due to weakened electrolyte
- Is irreversible using normal charge/discharge cycles of any kind.

FACT: 80% of lead acid batteries fail due to SULFATION

Lead Acid Batteries fail to produce designed level of power due to sulfate buildup on the battery plates and sulfation-weakened acid electrolyte or gel. The patented pulse technology provided by the family of PulseTech products (PowerPulse®, SolarPulse®, Xtreme Charge® and Pro 12®) provides up to 5 TIMES the battery life when compared to standard charging protocols alone!

Positive electrode
Without pulsing
Stored 8 weeks
(400x magnification)

Positive electrode
With pulsing
Stored 8 weeks
(400x magnification)

The Power is in the Pulse!

Ask yourself this…..

Is battery failure something you would like to reduce?

Don’t let battery failure kill your profitability!

CHARGE • TEST • MAINTAIN