OptiMATE lithium

WHY YOU NEED AN OPTIMATE LITHIUM BATTERY CHARGER.

Guaranteed! : More Battery Power - Longer Battery Life - Saves Your Low Volt Lithium Battery.

Ah

A LITHIUM battery delivers the same cranking amps as the lead-acid battery it replaced, but with 3-4 times less amp-hours.

A stored vehicle with 'always on' circuitry drain amp-hours out of its battery; a Lithium battery will drain faster.

COMPARISON:

Battery Size that can deliver 120 CRANKING AMPS.

= 120 C.A.

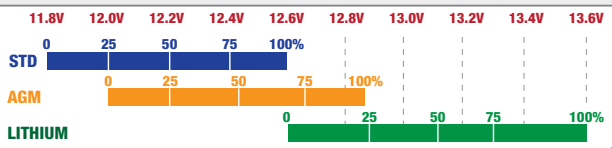
VOLTS

A LITHIUM Battery's voltage range is higher than lead-acid.

A lead-acid charger will not fully charge a lithium battery.
Vehicle charge system is designed for lower voltage of Lead-Acid; at idle or low RPM a Lithium battery loses charge.

VOLTS AND % CHARGE:

STD LEAD-ACID
AGM LEAD-ACID
LiFePO$_4$ LITHIUM



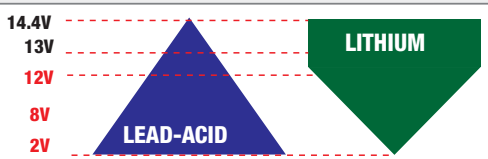
SAVE A FLAT BATTERY

A flat LITHIUM battery needs low current to safely recover.

At low volts lead-acid chargers deliver high current that will damage a Lithium battery.

CHARGE CURRENT

LEAD-ACID AND LITHIUM



CHARGING

A LITHIUM battery needs accurate voltage charging.

Voltage higher than 14.6V damages Lithium batteries.

Some Lead-Acid chargers deliver more than 14.6V.

CHARGE VOLTAGE

LEAD-ACID AND LITHIUM