



Battery Requirements & Battery Chargers

Batteries

The NITE unit requires four batteries that meet the following specifications:

- AGM (Absorbed Glass Mat)
- Deep Cycle
- Group 27 or Group 31

The newer type of sealed non-spillable maintenance free battery uses "Absorbed Glass Mats," or AGM separators between the plates. This is a very fine fiber Boron Silicate glass mat.

Voltage – 6Vdc

6 volt batteries must have a minimum of 110 amp hour rating

NITE battery system requirements for 6Vdc:

- 4 batteries required or 440 (minimum) amp hour capacity
- Check wiring diagram for installation

Voltage – 12Vdc

12 volt batteries must have a minimum of 100 amp hour rating

NITE battery system requirements for 12Vdc:

- 4 batteries required or 400 (minimum) amp hour capacity
- Check wiring diagram for installation

Use of any battery technology that does not conform to above specification will automatically void any warranty and may impede the performance of your NITE system. We recommend using Trojan batteries, as extensive testing has been done to assure conforming specifications.

The NITE system batteries recharge in approximately 4 to 6 hours while your truck is running down the road.

Please note that the stock alternator will have to be replaced with an alternator with a minimum 30 amps additional charging capacity. Larger Alternator is always better 185-200 AMP is preferred

