

BATTERY CHARGING TIPS

Day to Day Maintenance For Extended Battery Life

- 1) Recharge batteries as soon as possible after use; never leave batteries in a discharged state. Leaving a battery in a discharge state could damage the future capacity of the battery.
- 2) Check your battery's water level before charging. If low, add distilled water to cover plates. Maintenance Free Batteries do not have removable caps, no service is needed.
- 3) Keep top of battery free of dirt and/or moisture. If battery is kept in a plastic marine battery box, be sure box is clean and dry.
- 4) Clean battery terminals, cable connectors and all accessory connectors regularly (every month or so).

Recharging to Ensure Peak Performance and Long Life

- 1) Recharge as soon as possible after every use preferably within 24 hours.
- 2) Any 10-15 AMP charger with automatic mode will bring a deep-cycle battery to full charge, and prevent overcharge batteries.
- 3) Typical recharging periods are from 7 to 12 hours with 10 Amp Charger based on battery discharge.

Recharge Guidelines for Maximum Life

Hours of Recharge (est.)

| Percent Discharge | State of Charge | Specific Gravity | Battery Voltage | Hours of Recharge (est.) | | |
|-------------------|-----------------|------------------|-----------------|--------------------------|---------|---------|
| | | | | 5 AMPS | 10 AMPS | 15 AMPS |
| 25% | 75% | 1.225 | 12.4 | 6.0 | 3.0 | 2.0 |
| 50% | 50% | 1.190 | 12.2 | 12.1 | 6.0 | 4.0 |
| 75% | 25% | 1.155 | 12.1 | 18.1 | 9.1 | 6.0 |
| 100% | --- | 1.120 | 11.9 | 24.1 | 12.1 | 8.1 |

