

TempAssure

ADVANCED BATTERY CHARGING TECHNOLOGY

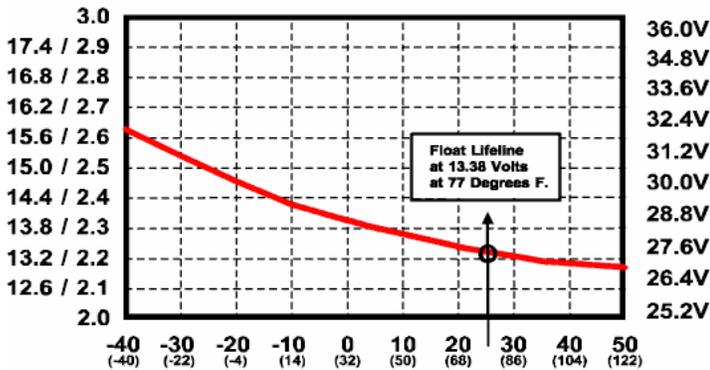


Both 12V
and Per
Cell Volt

Tolerance +/-0.04V

24Volt
Systems

Temperature changes affect the chemistry of batteries. This chemistry change affects the capacity and longevity of the battery. The chemistry change also affects what the proper charge and float voltages should be. Temperature Compensated charging has been used in several applications for many years to improve battery performance and life. See the chart at the left to see the typical voltage requirements of lead-acid batteries. (Wet or Flooded, Maintenance-free, AGM and Gel are ALL lead-acid batteries)



The most effective way to charge your batteries, reduce maintenance and increase longevity is with temperature compensated charging. With standard converter charge voltages cold batteries may only charge up to 80% of capacity, and hot batteries can lose fluid and expose plates causing sulfation or even failure. All of this stress greatly reduces the life of your batteries. The patented TempAssure™ charging system from Parallax Power Supply® brings a multi-staged output coupled with temperature compensation to the RV marketplace. Now whatever temperature extremes you find yourself in, you can rest assured that your battery investment will receive the proper charge voltage!

TempAssure™ Charging is available on these fine products!

ParaMode™
Electronic Converter/Charger
Systems



PARALLAX®
POWER
SUPPLY

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