

Charge Wizard®



Tired of replacing batteries? Don't let this happen to your customers!

Customer complaints are "history" when installing a Progressive Dynamics converter with the patented automatic 4-stage Charge Wizard® system. The Charge Wizard has been shown to increase the battery life by 2 to 3 times or more.

Our patented Charge Wizard 4-stage system uses microprocessor technology to add intelligent charging capability. It constantly monitors the RV battery and automatically adjusts the converter output voltage based on the battery's charge status – designed to eliminate battery over & under charging problems associated with most other battery chargers and provide rapid yet safe battery recharging after dry camping.

The Charge Wizard constantly monitors battery voltage and battery usage then selects one of the following four operating modes to properly charge and maintain the battery.

BOOST Mode 14.4 Volts - Rapidly brings the RV battery up to 90% of full charge.

NORMAL Mode 13.6 Volts - Safely completes the charge.

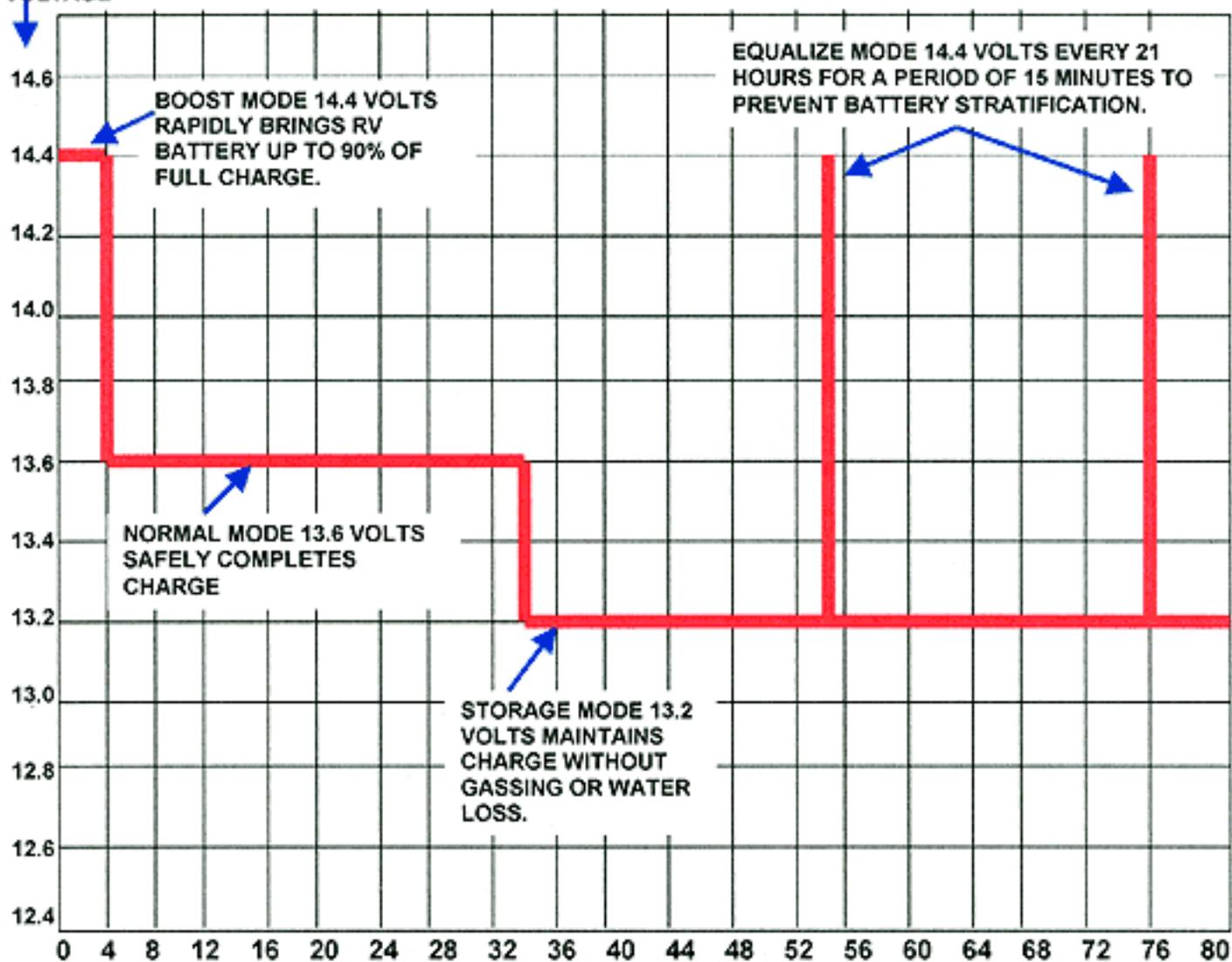
STORAGE Mode 13.2 Volts - Maintains charge with minimal gassing or water loss.

EQUALIZATION Mode 14.4 Volts - Every 21 hours for a period of 15 minutes prevents battery stratification & sulfation - the leading cause of battery failure.

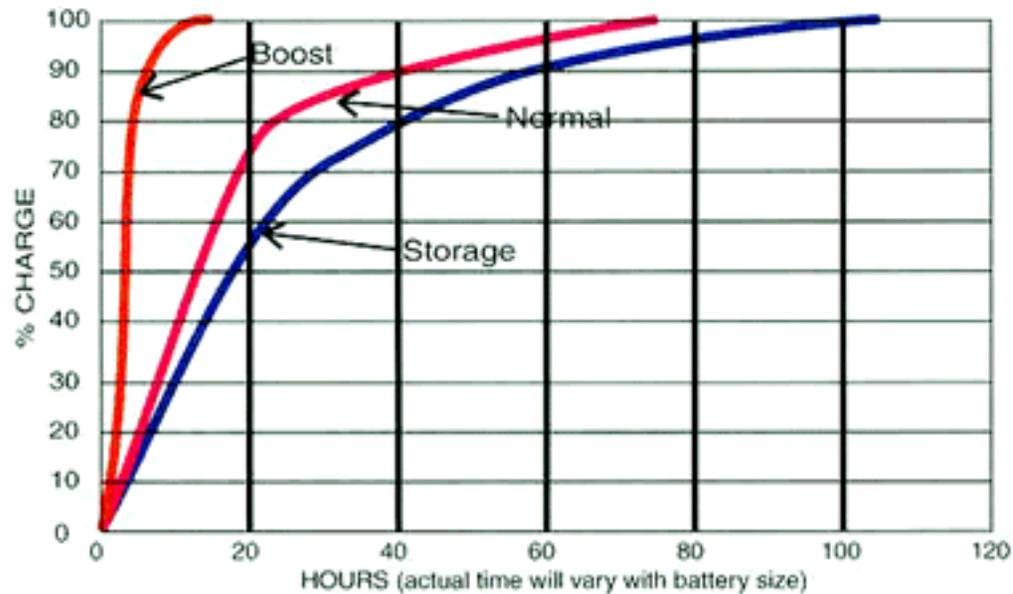
Charge Wizard Battery Recharge Profile

CHARGE WIZARD BATTERY RECHARGE PROFILE

CONVERTER
OUTPUT
VOLTAGE



Battery Recharge Curves with Converter Output Voltage set at 14.4, 13.6 and 13.2-volts



As you can see the Charge Wizard's ability to increase the voltage of our converters from the Normal Output Voltage of 13.6-volts to 14.4-volts in the Boost Mode, will significantly reduce the time it takes to recharge your RV battery. The lower voltage 13.2-volts Storage Mode, helps prevent battery gassing and water loss allowing you to keep your RV plugged into 120 VAC power during storage to maintain the battery at full charge.