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### Why use a controlled charger with nickel metal hydride batteries?

The data below illustrates why. This data was collected using a 15 cell 4 Ah battery being charged at a c/15 trickle rate. Note how the battery reached a maximum temperature of 60 degrees C even at this low charge rate. This data is a perfect example of why controlled charging is required when using nickel metal hydride chemistry. Prolonged exposure at elevated temperature is detrimental to cycle life and should be avoided.

