

Fuxlvlgj#Htxlsp hqw#
For Cruising the World#

Heart Interface Link 2000R

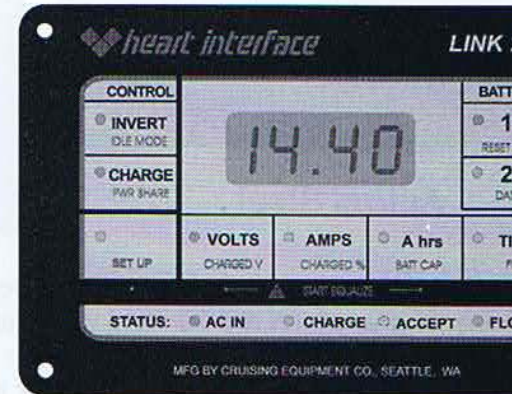
The Ideal Regulator Option:

The *Ideal Regulator* is the output module used in the Link 2000R. This powerful patented technology combines accurate battery instrumentation and advanced regulation into one integrated system. This is a regulation system that follows our proven **Ideal Charge Curve** shown below.

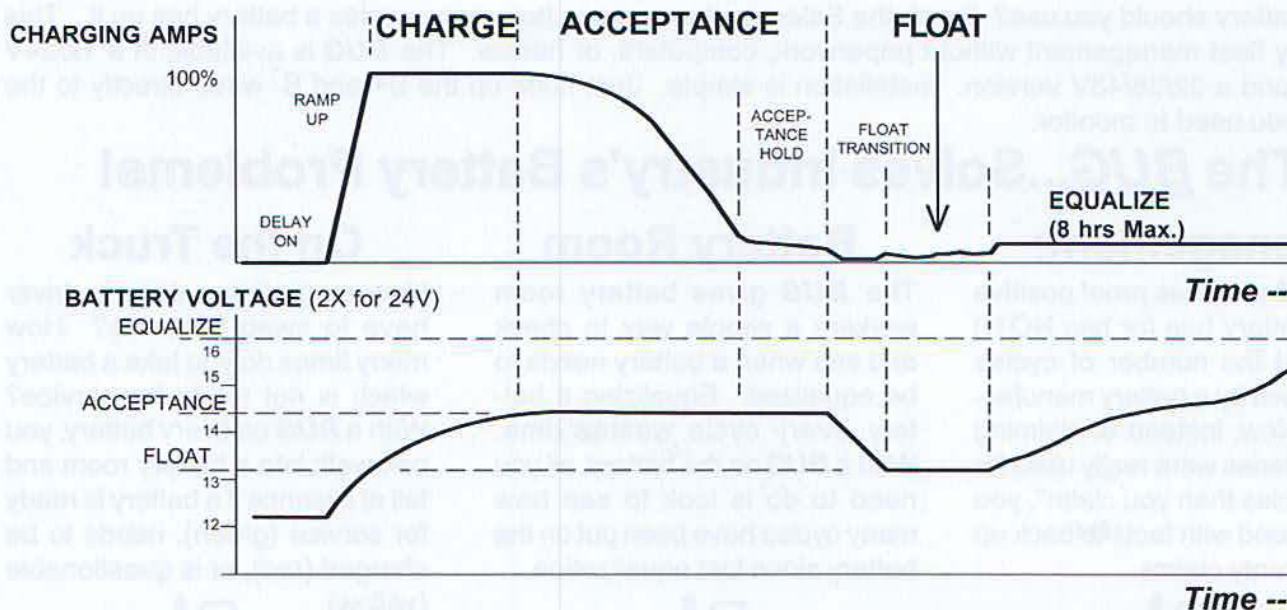
The **Ideal Charge Curve** begins with a 20 second delay to allow engine oil pressure to come up before the alternator load. Next, during the **Charge Cycle** the alternator is slowly brought to full output over a 10 second period. This **Ramp Up Cycle** minimizes strain on the alternator belt. An alternator safety current limit may be set to protect the alternator and its belt.

The **Charge Cycle** continues until the battery reaches the gassing voltage (14.2 -14.4V) when the **Acceptance Cycle** begins. The battery continues to "accept" as much current as it can, until only a small amount of current is flowing into it, which indicates it is full. The battery continues to be held at the acceptance voltage for a few more minutes during the **Acceptance Hold Cycle** to insure the battery is completely full. The regulator automatically switches to the **Float Cycle** maintaining the batteries safely well below the gassing point for reduced water consumption and long life. Our exclusive **Equalize Cycle** allows for constant current "equalization" of liquid electrolyte batteries for maximum capacity and life. Batteries should be equalized every 30 days, particularly during deep cycling service.

The *Link 2000R* incorporates the *Ideal Regulator System*



IDEAL CHARGE CURVE



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