



## The Most Versatile MPPT Charge Controller Under The Sun!

**With PV ARC Fault Protection** (A Requirement of the 2011 NEC)

The **Classic MPPT Charge Controller** is standing the renewable energy industry on it's ear. The Classic substantially increases the flexibility, features and range currently found on MPPT controllers. The Classic is the first MPPT controller that has Arc Fault Protection, making this controller the safest available and one fire departments love. With the Classic models rated from 63 to 96 Amps, why would you want any other controller?

- 150, 200 and 250V operating voltages.
- 12-72V battery charging standard with models up to 120V battery bank
- Built in DC-GFP and Arc Fault Protection
- Solar, wind and hydro MPPT modes
- Exclusive hyperVOC™ extends VOC limits
- Wizard walks you through complete setup
- Ethernet, USB and RS232
- Remote and local displays possible
- 20 megs of data logging

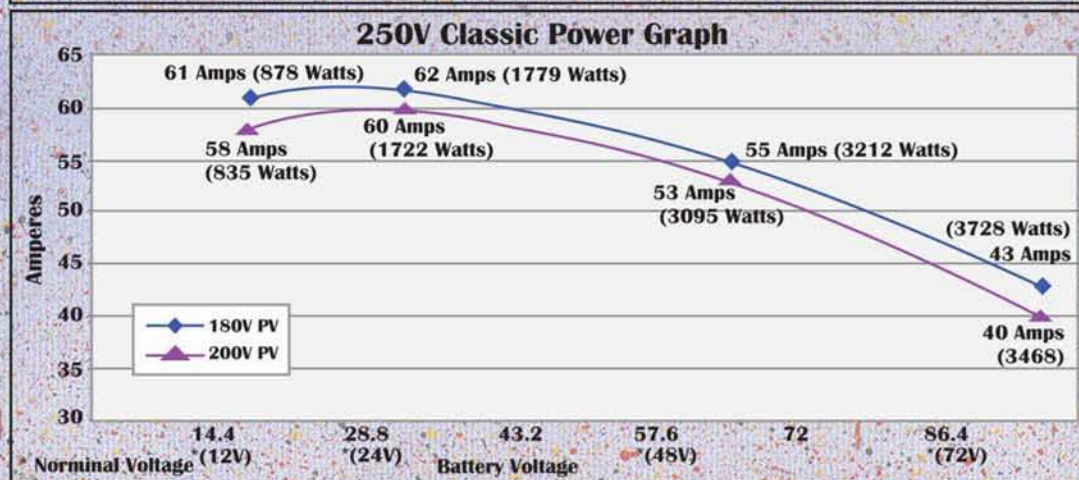
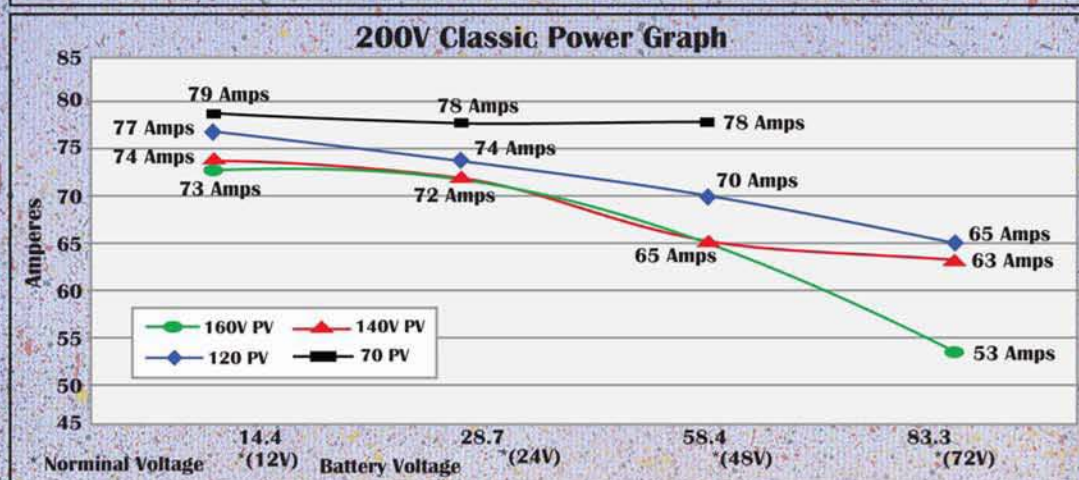
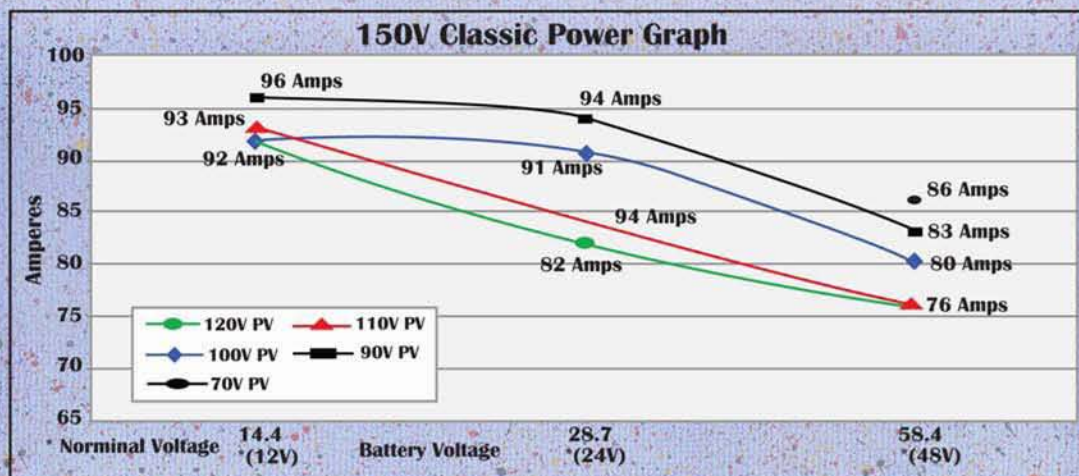


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The graphs below display the relation between input voltage, battery voltage and output current. Using and understanding these graphs will help when designing the most efficient system and choosing the correct Classic for the task at hand. The graphs display efficiency differences between lower input voltages compared to higher levels along with the balance between wire length and input voltage. For example, typically a 0-150ft wire run from an array will require the Classic 150, for a 150-250ft length the Classic 200 should be used and over 250ft the Classic 250 is the optimal choice.

# Classic Power Graphs

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www.midnitesolar.com