

MIDNITE SOLAR

# The KID

*The finest 30 amp MPPT charge controller for Solar, \*Wind or \*Hydro!*

The KID is the most versatile medium sized charge controller on the market. Ideal for small renewable energy systems. The KID allows for true input paralleling. As your power needs grow, add more modules to the array and a second KID. This will give twice the power from a single array.

The KID's PV power handling capacity is from 50 to 2000 watts depending on your configuration.

With three different mounting methods: flush mount surface mount or free standing, the KID will be the sharpest looking electronics in your home, cabin, boat or RV.

## PRODUCT FEATURES

- Solar, \*Wind or \*Hydro modes
- Advanced MPPT tracking
- True paralleling - Inputs and Outputs
- MidNite's exclusive HyperVOC extends the max safe non operating input voltage to 162VDC
- Supports 12, 24, 36 and 48 volt batteries
- Load/Clipper function: Clipper function is used on wind or hydro and requires an additional \*MidNite KID Clipper
- Lighting Controller: dusk-dawn, hourly, day, night settings
- Upgradable firmware so it is never out of date
- Up to 30 amps output
- Three LED bar graph plus 5 status LEDs
- Two line LCD display with keypad access for easy programming and data display/data logging

Marine version available in black or white.

- No fan
- Reverse polarity protected
- Battery temp sensor included on marine versions
- Front panel supplementary fuses for battery, input and load/clipper
- Includes wall mount adapter
- **Marine/RV versions include load circuit breaker, boat mount kit, battery temp sensor, extended conformal coating - available in black or white**
- Built in Arlington, WA USA

\* Wind & Hydro available second quarter of 2014 with firmware updates

[www.midnitesolar.com](http://www.midnitesolar.com)

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