

## EZWIRE II SPEC SHEET

Southwest Windpower would like to introduce the *NEW EZWIRE II*, a next-generation wind turbine controller that is now *standard* on 24V, 36V and 48V Whisper H40 and H80 Turbines.

THE *NEW EZWIRE II* is an intelligent SCR-based shunt-type Whisper controller that includes the following features:

- Individually rectified phases (3 phase)
- Battery/Turbine/Shunt isolation during regulation – battery bank is never connected to shunt load!
- Hysteresis window during regulation to maximize useful power and keep batteries fully charged
- Potentiometer adjustable Regulation Setpoint
- Ceramic Power Resistors integrated into controller box
- Automatic turbine overspeed protection
- Battery disconnect Auto-protection intelligence to protect Turbine from Open-Circuit operation
- Manual Diversion/Stop Switch – enables user to divert full turbine load to resistor bank
- 24V, 36 and 48V operation available NOW! (12V version available April 2001)
- Quiet diversion-powered fan – No valuable battery energy is used here! (12V, 24V, 36V Only)
- Large Heat-Sink for efficient temperature dissipation
- Fully integrated, easy to install controller - Circuitry and Resistor Bank in one simple package!
- Metallic enclosure designed for indoor operation in battery-bank room
- Marine-grade version available as an option (Spring 2001)
- Easy access Block connectors for Turbine and Battery wires
- Bright LED lights to inform of regulation operation and Power ON

