

THE POWER OF NATURE



Hetronix™ Wind Turbine Systems

Keith_2K Hybrid System

Hybrid System

The Hetronix Keith_2K Hybrid System is a combination of Solar and Wind power. A Green integrated, stand alone, power system. Generated Wind or Solar power will be converted by the Windcharger & Hybrid Inverter into the battery bank. The AC output of the Hybrid Inverter is based on battery power as the main priority output. In normal operation mode the Hetronix Keith_2K Hybrid System will give priority to the use of Wind and/or Solar power.

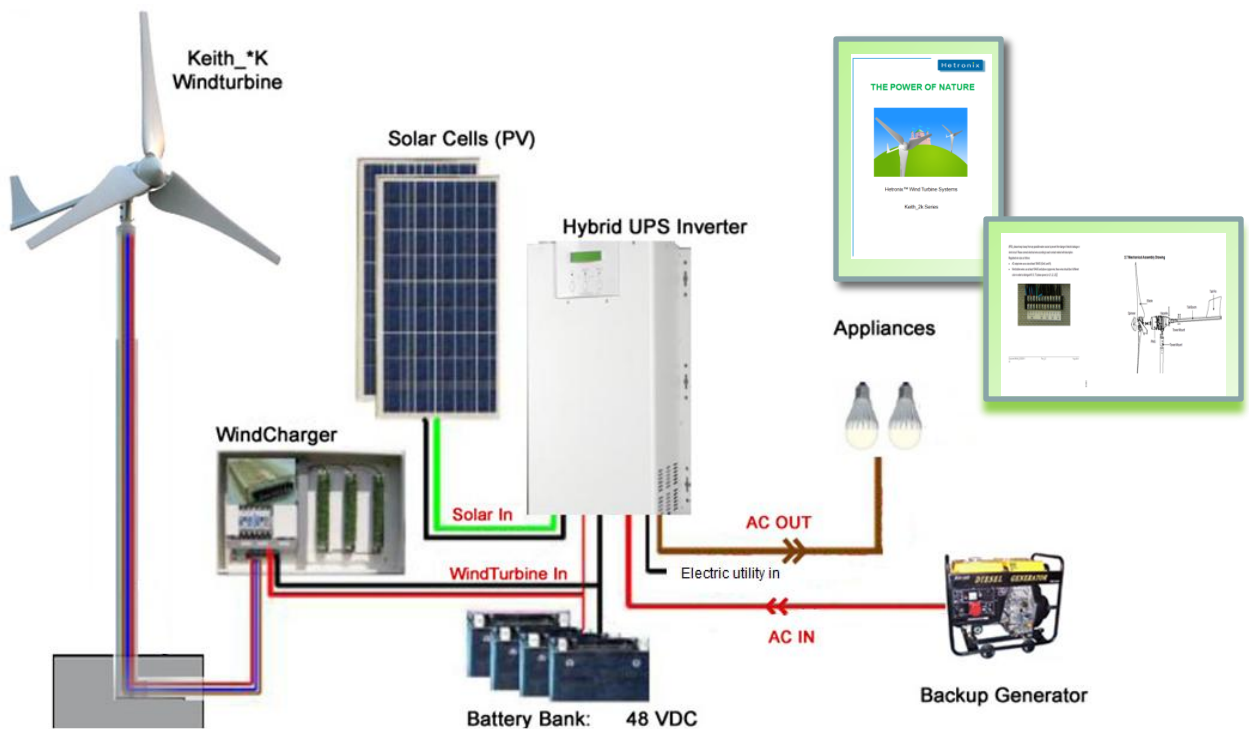
The Hetronix Keith_2K Hybrid System includes;

- Keith_2K_C Windturbine
- Wind charger WCHG
- Brake Control Box
- Hybrid Inverter
- Optional; Batteries 48VDC ; 200AH/350AH/500AH/600AH
- Solar Cells PV max. 4kW

The Hybrid Inverter, a powerful all-in-one solution, delivers a clean true sine wave output power in combination with the Windcharger WCHG483000 and built-in solar charger. Applicable to any type of load, such as air conditioning, household appliances and Industrial equipment. When Sun and Wind are not available and the battery power is on a low level, the Hetronix Keith_2K hybrid System can switch to the utility grid or to a backup (diesel) generator. This Hybrid system combines the most efficient use of renewable energy for electricity supply.

Especially useable for locations without electricity or unstable power regions.

Hybrid architecture for Wind & Solar solutions



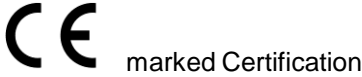
Hybrid Features

- Support Solar Cells max. 4kW (optional)
- Multi-stage charger supports batteries up to 600AH
- Un-limited load applicability
- 230VAC (220VAC or 240VAC re-settable via LCD panel)
- 120VAC (110VAC or 115VAC re-settable via LCD panel)
- Un-limited batteries back-up time
- DC start and automatic self-diagnostic function
- Compatible with both linear & non-linear load
- 24 hours operation on the Inverter
- High efficiency design to save electricity
- Low heat dissipation during continued operation
- Controllable & Removable panel with LCD display
- Design to operate under harsh environment
- Optional Multiple interfaces cards available
- Parameter Pre-settable

Street Light Systems



Tested and Certified



Verification of MD & LVD Compliance

EN 61400-2: 2006 (Wind Turbine Generator Systems - Part 2: Safety of Small Wind Turbines)

EN ISO 12100-1: 2003, EN ISO 12100-2: 2003, Safety of Machinery

EN 60204-1: 2006, Safety of Machinery

EN 1050: 1996, Safety of Machinery

Machinery directive: 98/37/EC amended by 2006/42/EC

Low Voltage directive 2006/95/EC

Certified by SGS Taiwan LTD Electronics & Communication Services

Certificate No: EZ/2008/50037 C

Verification of EMC Compliance

EN 61000-6-2: 2005, EN 61000-6-4: 2007

EMC Directive: 89/336EEC amended by 2004/108/ EC

Certified by SGS Taiwan LTD Electronics & Communication Services

Certificate No: ED/2008/50046C



Contact us now for more information

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