

## Wind / Solar Hybrid Powered Street Lights has been installed in The University of Melbourne \_ Burnley Campus





The Wind / Solar power LED Street lights is designed and installed by the Australian company – ATD Energy;

Components include:

- Wind turbine, solar panel, battery, light pole, controller, sensor and LED light.

The hybrid street lights all-in-one design is an environmentally friendly alternative to traditional street lighting systems. All of the generated power is stored in battery located in the base of the light pole. The light is a high efficiency LED street light that brightly illuminates the streets.

Key Features:

- Power: 30w
- Full hybrid electricity generating system – Wind and solar
- High quality wind turbine generator and solar panel
- Long life LED street light and sensor for automatic ambient light detection
- Lithium battery - Maximum charging and discharging protection with battery
- A 4 metre electroplate pole

The advantages of the wind / solar power LED Street lights with ATD energy:

- High efficiency – Darriues wind turbine generator. 1.2m/s wind start operating.
- Long life – Magnetic bearing.
- Low cost – installation and maintenance
- No underground wires, trenching or additional services are required
- Lithium battery design for this system.
- Sense control lights output that it make power support to 15 days without any charge.
- Controller can be used to program light output and time.