

An Energy saving solution for Pumps



ECODRIVE 8000 Solar VSD

A Solar Variable Speed Drive for 3Phase AC motors

- Drive a pump direct from a Solar Array
- Ability to 'Blend' power sourced from DC solar and AC supply
- Product designed for Australian conditions
- Robust IP66 metallic enclosure
- Simple set up & Programming
- Built-in Maximum Power Point Tracking (MPPT) controller
- Significantly reduced Starting currents
- Soft Start & Soft Stop
- Full Control of pump speed
- Automated Operation & Pressure Control
- Option for Auxiliary AC Supply (Grid or Generator)
- Eliminate damage from water hammer and surges



Proudly 100% Australian Owned

Manufacturers & Distributors of Variable Speed Drives & Soft Starters

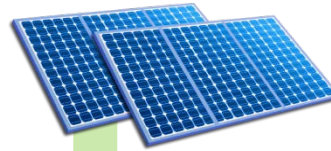
ECODRIVE
A ZENER VARIDRIVE SOLUTION

Harvesting free power from the sun is an ideal method to eliminate the high cost of pumping whether using a generator or power from the grid.



Key Benefits:

- Optimised motor control to suit solar intensity
- Solar Operation with option for Auxiliary AC Supply
- Simple Setup & Operation
- Complete Control System
- Plain English Menu system
- Versatility for system integration
- Communication for remote monitoring
- Motor & Pump Protection



Connect direct to Solar Array:

Operates directly from a Solar Array
No Batteries required.

Optional: 'Blending' of Solar Power with Auxiliary AC Supply:

The ECODRIVE can also be configured to automatically connect to an AC power source for operation outside daylight hours. This also allows operation as a 'Hybrid' System, blending Solar & AC to achieve maximum benefit of your solar investment.



The AC power supply can be:

- 380-480VAC 3 Phase Grid Supply
- 380-480VAC 3 Phase from a generator supply
- 480VAC Single Phase (SWER Supply)
- 208-240VAC Single Phase (for 220-240V 3 Phase motors)



Robust IP66 Enclosure

A robust IP66 enclosure providing protection against mechanical damage, dust & moisture. A separate heatsink chamber promotes maximum heat dissipation without the need of cleaning filters.

Also available in Stainless Steel IP66...

50DegC Rating

A 50DegC Rating ensures operation on hot days when solar intensity is at its maximum.

Plain English Display

The menu and status is displayed in Plain English without complex system of codes.

Simple Menu

Application menus are included to simplify standard installations.



Operate standard 3 Phase motors

The ECODRIVE operates a standard 3 Phase AC motor including submersible or Bore pumps.

Standard Configurations

The ECODRIVE offers standard configurations to keep the setup quick & simple. The ECODRIVE is extremely versatile and can easily adapt or integrate into more complex control systems.

- **Tank Fill:** Configuration using one level switch to always keep the tank full.
- **Pressure Control:** Uses its built-in PID controller to maintain a constant pressure.

For more detailed information on this product:

1. Contact us on:

1300 493 637

2. See Website:

www.zener.com.au

3. QR Link:



<http://www.zener.com.au/ecodrivesolar.php>