

# FRECON

## VARIABLE SPEED DRIVES

Frecon and Drive Dynamics present two innovative solutions for a variety of industries from agricultural to mining, ideal for the use in rural and remote areas.

### SMARTLINK 100 WIRELESS LEVEL CONTROLLER

The Smartlink 100 is a long range wireless system which provides a solution to maintaining water levels in tanks, reservoirs and dams. It consists of a transmitter placed at the tank which monitors the water levels and sends a long range wireless signal to the base station to stop or start pumping.

The Smartlink Transmitter is powered by a 3.6VDC lithium battery which requires no external power source or charging device. It connects to a standard float switch, or any potential free contact.

The battery life of the lithium battery is one to two years depending on switching frequency. Power options for the Smartlink Receiver are 12 to 24VDC or 220VDC. A -220V unit can also be used as DOL Starter, up to 2.2kw.

### SY380V VOLTAGE BOOSTER VSD

The SY380V was designed with small farms, workshops and rural areas in mind that only have access to a 220V AC. It converts the 220V single phase supply to three phase 380V.

This enables the user to power standard three phase equipment like compressors, hydraulic pumps, water pumps and extractors fans from a 220V AC supply. ☺

### ADVANTAGES

There are numerous advantages to using the Smartlink 100 including:

- no digging trenches to install cabling between the reservoir and the pump station
- weather-proof enclosures IP65
- long distance range, up to 2km line of sight with standard unit / up to 4km with optional extended antenna
- signal strength and on/off indication
- radio band, this means no interference with standard WiFi and remote frequencies
- no licence required.

