



ABB Pump Drives

Looking for a basic VSD to drive your pump system and you don't need the full features and benefits of an Irrismart VSD package?

Looking to replace your old pump soft starter with something a little more flexible?

Simple parameter setup to get you pumping water faster (and cheaper) than ever before.

The ABB ACQ580 range of pump drives from Irrismart is available in sizes from 1-250kw and they are purpose built to pump water.

Speak to your Irrismart rep today to discover how much money you can save.

FEATURES

- Easy Setup
- Soft Start
- Soft Stop
- Adjustable Ramp Times
- Max. Current Setting
- Min and Max Run Speed Setting
- Pressure Transducer Input
- Constant Pressure or Constant Flow Options
- Pipe Fill Mode
- Local Support
- IP55

Energy efficiency

- Control operating costs by seeing energy costs in local currency, kWh and CO₂ emissions.

Communication

- Use information such as water flow rates to get the VSD to adjust motor speed and torque.
- Get detailed insight into flow performance through fieldbus comms connecting VSD with plant monitoring systems.

Ingress protection

- IP55 for wet and corrosive environments.

Low harmonics

- Eliminate supply disturbances that could trip production with built-in active supply unit and integrated low-harmonic line filter.
- Makes design and operation of the back-up generator easy and reliable.



Pressure and flow control

- Ensures optimal operation of water asset using built-in VSD features.
- Maintain constant pressure or constant flow.

Soft pipe filling

- Increases piping and pump system lifetime by avoiding pressure peaks.

Flow and pressure protection

- Protects pumping system from a low and / or high pressure and flow and prevents pump from running dry.

Quick ramps

- Reliable operation of submersible pumps and smooth operation of check valves.

The smarter way to control every drop!

