



ATV610 : Drive for Utilities



Power Range: 0.75 to 160 kW

Dual Rating: 110/150% OL for 60 Sec.

Voltage Range: 380-415 V 3Ph AC

Communication: Modbus,
Optional : Profibus

Input/ Outputs :

- 3 AI (0-20mA, 0-10 V)
- 6 DI (24 V)
- 2 AO (0-20mA, 0-10 V)
- 3 Relay output (C/O)

[ATV610 Catalog](#)

Withstand Harsh Environment:

- 45 Deg C Ambient Temp without derating
- 3C3 for harsh chemical environment
- 3S3 for harsh Mechanical environment

Energy management:

- DC Choke Inbuilt from 5.5kW to reduce Harmonics
- C3 EMC filter Inbuilt to reduce noise
- Energy Saving Mode for Fan / Pump Application



Easy Usage:

- Body QR code to access all documents.
- Alpha Numeric detachable Display
- Dedicated Pump Functions
- Real process Unit – bar, feet, meter, Deg C, etc.
- 3 parameter sets

Key Functions

- +/- speed around reference
- DC Injection
- Jog Operation
- Preset Speed
- PID Regulator
- Sleep / Wake Function
- Booster Control
- Auto Tune
- Catch on Fly
- Auto Restart

Targeted applications

Water & Wastewater:

- Intake pump
- Booster pump
- Lifting pump
- Aeration blower

Oil & Gas :

- Circulating pump
- Drain pump
- Oil transfer pump

Process & Machine:

- Air cooling system fan
- Circulating pump
- Cooling fan
- Draught fan
- Compressor

Building Management:

- Fan
- Circulating pump

