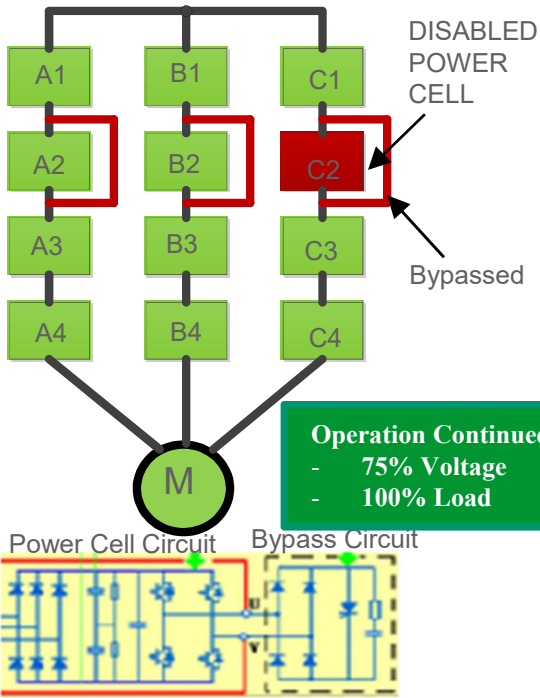




ATV6000 : MV Drive for Complex and demanding applications with IIOT features.

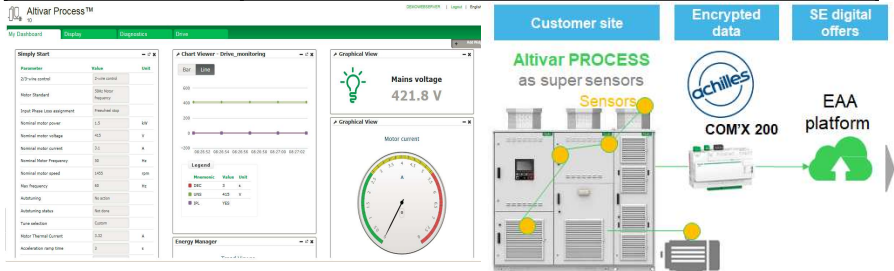


Power range: 0.2...20MW
Voltage range: 2.4KV to 13.8KV
Pulses: 18 -3.3KV / 30 – 6.6KV / 54 – 11KV.
THDi: < 3%, Communication: Dual Ethernet.



Customer Benefits and Schneider ATV6000 Solutions.

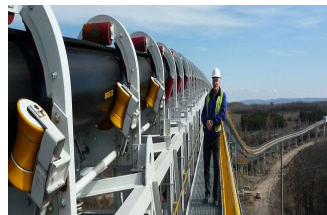
IIOT and Industry 4.0 Readiness.	<ul style="list-style-type: none"> Predictive maintenance capability. Integrated Webserver. Pump Asset Management. Master Slave over Ethernet Built in Cyber Security.
Operational Redundancy & Reduced Down Time.	<ul style="list-style-type: none"> Ability of Fault Tolerant Operation through Hot Redundant Power Cell (n, n+1, n+2). Contact-Less Power Cell Bypass.
Retrofit on Existing Motors and Cables.	<ul style="list-style-type: none"> Can be used to operate any brand of existing (even non-inverter grade) motors. Do not require special cables. No Common Mode Voltage for long motor life. Supports operation with motor cable length up to 2 km, without additional Filters.
Harmonics Reduction in Power System.	<ul style="list-style-type: none"> The Multicell Architecture. Multiple pulses Architecture. Phase Shift Transformer. Complying toIEEE519 with THDi < 3%.
Energy Savings from the application.	<ul style="list-style-type: none"> Can be implemented on existing DOL fed systems to provide significant energy savings. Energy Management dashboards.
Start-up function for Multiple Motors.	<ul style="list-style-type: none"> Equipped for bidirectional Sync-Transfer with "Make before Break". Bumpless Transfer to smooth start up motors in cascade sequence.
Peak Demand Control.	<ul style="list-style-type: none"> Motor Starting is limited to Rated Nominal Current of motor.



Targeted applications

Segment : Power

- Boiler Feed Pumps.
- Coal Belt Conveyors.
- ID and FD Fans.
- Condensate Extraction Pumps.



Segment : MMM

- Belt Conveyors / Multi Motor Conveyors
- Slurry Pumps
- ID and FD Fans.
- Ball Mills.
- Cement Grinding Units.



Segment : Water & Waste water

- Raw Water & Booster Pumps.
- Lifting Stations.
- Blowers and Compressors.
- High Pressure RO Pumps.



Segment Oil & Gas

- Crude Oil Transfer Pumps.
- ESP.
- Line Compressors.
- Mixers & ID / FD Fans.