



DriveStart

IGBT Based Medium Voltage Soft Starter
up to 6.6KV, 750A

Optimized for applications that require a low starting current and/or a high starting torque

- Provides full torque start
- Starts at nominal motor current or lower
- Enables motor starting from weak electrical networks
- Reduces motor heat at start enabling use of standard motors
- Reduces peak network demand

Saving costs, energy and space while meeting top performance requirements

- More economical than a Medium Voltage VFD, yet provides similar soft start and soft stop features
- Integrated bypass protects against energy loss during operation, optimizes energy efficiency and reduces operational costs
- Streamlined design drastically reduces the footprint requirements

DriveStart Applications & Industries



WATER

- Water pumps
- Waste water pumps
- Booster pumps



OIL & GAS

- Compressors
- Oil pumps
- LNG pumps



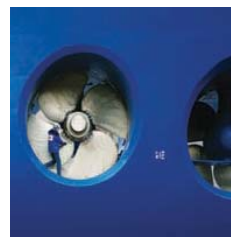
MINING

- Fans and blowers
- Conveyor belts
- Ball mills



INDUSTRY

- Compressors
- Refrigeration chillers
- Mixers



MARINE

- Thrusters
- Ballast and fire-fighting pumps
- Injection pumps

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Advanced Features

- Input voltage - Up to 6.6kV 50/60Hz +10% -15
- Power range - Up to 6.6kV, 750A
- Mains starting current – 10% to 120% of motor rated current
- Numerous number of starts
- Starting torque - Up to 160% of motor rated torque
- Internal synchronization system (bypass), from DriveStart to mains and back
- Soft Start and Soft Stop
- Multi-start capabilities
- Electronic Potential Current Transformer (ECPT) voltage and current measurements via fiber optics
- Integrated Data Logger and wave form capture for all major system signals including current and voltage for remote diagnostics and failure analysis



Models | Up to 6.6KV, 750A

Mains Voltage (kV)	Rated Current (A)	Unit Dimensions (cm)			Weight (kg)
		H	W	D	
3.3	150	230	202	132	2,000
	300				
	400				
4.16	150	230	310	120	3,000
	300				
6.6	150	230	310	120	3,000
	300				
	400				
	500	260	440	120	4000
	600				
750					

How To Order

Example:

DriveStart - 300A - 6.6kV - 230V - 24V - SDL

Rated Current

Mains Voltage

Control Voltage
110 VAC, 230 VAC

Control Input Voltage
24VDC, 24VAC, 115VAC,
230VAC, 110VDC,
125VDC, 220VDC

Options

- 3M - Modbus
- 3P - Profibus
- 3D - DeviceNet
- 3A - Anybus
- MSS - Multi soft stop/start
- SDL - Solcon Data Logger

For More Information

www.solcon.com

contact@solcon.com