

iStart

Advanced Low Voltage Soft Starter 17-1100A, 208-690V

The iStart is Solcon's most advanced soft starter, with built-in bypass and 2 or 3-phase control. It incorporates enhanced soft-start and soft-stop characteristics, to provide the best solution for a wide range of applications. The comprehensive motor protection package guarantees long term reliability while the built-in bypass ensures excellent performance all in a small, versatile design.



Features

- > Universal Interchangeable Control Module
- > Multi-language user interface
- > Real-time, Online, 99 event and Trip Log (Including Currents, Voltages)
- > Optimized for High Efficiency Motors (IE3)
- > 2-Phase Mode for On-site Phase Fault Operation
- > Basic, Professional and Expert Set-up Menus
- > User Defined Metering and Monitoring of 3 Phase Voltages, 3 Phase Currents and Power Factor
- > USB Interface for Setup and Software Updates
- > Option Cards include Analogue Output Including Thermistor, Three Thermal
- > Sensors, Motor Insulation Monitor
- > Auto Reset for Selected Faults
- > 3 Thermistor inputs
- > Frequency Auto Tracking 45-65 Hz
- > Inline and Inside Delta Connection
- > 3 Current Transformers
- > Economical 2-phase Control Units Available

Comprehensive Protection Package

- > Under voltage
- > Phase sequence
- > Sheer-pin current
- > Under current
- > Overload classes (IEC, NEMA)
- > Current imbalance
- > Ground fault
- > Excessive number of starts
- > Excessive starting time
- > Soft starter over temperature
- > Programmable external fault
- > Phase loss
- > Delta wrong Connection Alarm

Solcon Industries Ltd. is a dynamic power-electronics company that has been at the forefront of design, development and manufacturing of industrial electronic motor starting and control systems for over 40 years. We utilize advanced technology with leading edge designs based on continuous field research, testing and development. Solcon offers a complete range of Soft Starters, including both Low Voltage and Medium Voltage units, for a range of applications.

Standard Models | 17-1100 A

Starter	Frame	Motor KW	Motor KW	Motor KW	Dimensions (mm) & Weight			
Type	Size	400V	480V	600V	W	H	D	Kg
iStart 17	A	11	13	16	122	245	147	3.2
iStart 31		19	23	29	122	245	147	3.2
iStart 44		27	33	41	122	245	147	3.2
iStart 61		38	46	57	122	245	147	3.2
iStart 72	B	45	54	67	132	275	208	5.2
iStart 85		53	64	80	132	275	208	5.2
iStart 95		59	71	89	132	275	208	5.2
iStart 105	C	65	79	98	175	388	234	10.9
iStart 145		90	108	136	175	388	234	10.9
iStart 170		106	127	159	175	388	234	10.9
iStart 205		128	153	192	175	388	234	10.9

Starter	Frame	Motor KW	Motor KW	Motor KW	Dimensions (mm) & Weight			
Type	Size	400V	480V	690V	W	H	D	Kg
iStart 230	D	143	172	247	365	554	275	37
iStart 310		160	230	333	365	554	275	37
iStart 350	E	200	260	376	365	554	275	37
iStart 430		250	320	462	365	643	284	37
iStart 515	G	290	385	553	480	791	302	56
iStart 590		330	440	634	480	791	302	56
iStart 690		400	515	742	480	791	302	56
iStart 720	H	415	538	774	510	791	305	60
iStart 850		500	636	914	510	791	305	60
iStart 960	I	560	718	1032	558	814.6	316	85
iStart 1100		630	823	1183	558	814.6	316	85

Solbrake DC Injection Brake

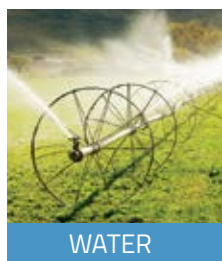
Solcon's soft starters can be paired with the Solbrake; an electronic brake that provides fast, smooth, frictionless braking of standard motors by injecting controlled DC current into the motor windings after the line contactor has opened. This DC current induces a stationary magnetic field which exerts a braking torque on the rotor.



Soft Start & Soft Stop

- > Acceleration control
- > Current limit start
- > 6 adjustable curves for pumps, generators standard and torque controlled applications
- > Soft stop
- > Kick start
- > Restart delay (3 sec)

Meeting your needs across industries



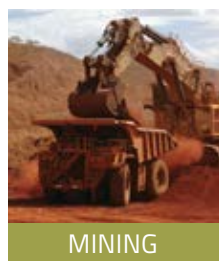
WATER



OIL & GAS



INDUSTRY



MINING



MARINE



HVAC



For More Information

www.solcon.com | contact@solcon.com

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