

iStart Low Voltage Soft Starter

Your Total Soft Starting Solution
Easy To Commission, Simple To Operate



Water



- » Pumps
- » Water Pumps
- » Sewage Pumps

Mining



- » Pumps
- » Conveyors
- » Hydraulic Pumps
- » Fans
- »And More

Process



- » Pumps
- » Conveyors
- » Compressors
- » Hydr' Power Packs
- » Pipeline Heating
- »And More

Oil & Gas



- » Pumps
- » Compressors
- » Fans
- » Injection Pumps

HVAC



- » Compressors
- » Pumps
- » Fans
- » Chillers

iStart

Rated operational current: 17A to 1,100 A
Main voltage: 208V – 690V

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

Easy to commission and simple to operate, this soft starter incorporates acceleration control, a current limit with every start and five adjustable curves specifically for pumps, generators and other standard torque-controlled applications.



Soft start and soft stop



Inside delta wrong connection alarm



Restart delay (3 sec)



Excessive number of starts



Programmable external fault



User friendly configuration & operation

START YOUR MOTOR SOFTLY

Advanced Features

- » Universal Interchangeable Control Module
- » Multi-language user interface
- » Real-time, online, 10 trip logs (including currents, voltages)
- » Optimized for high efficiency motors (IE3)
- » 2-phase mode - onsite phase fault operation
- » Basic /Professional / Expert setup menus
- » User defined metering and monitoring of 3-phase voltages, 3-phase currents and power factor
- » USB interface - setup & 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
- » Shear-pin current
- » Under current
- » Overload classes
- » Current imbalance
- » Ground fault
- » Excessive number of starts
- » Excessive starting time
- » Soft starter over temperature
- » Programmable external fault
- » Phase loss
- » Motor insulation tester (optional)

Soft Start & Soft Stop

- » Acceleration control
- » Current limit start
- » 5 adjustable curves - pumps, generators, standard & torque-controlled applications
- » Soft stop
- » Kick start
- » Restart delay (3 sec)

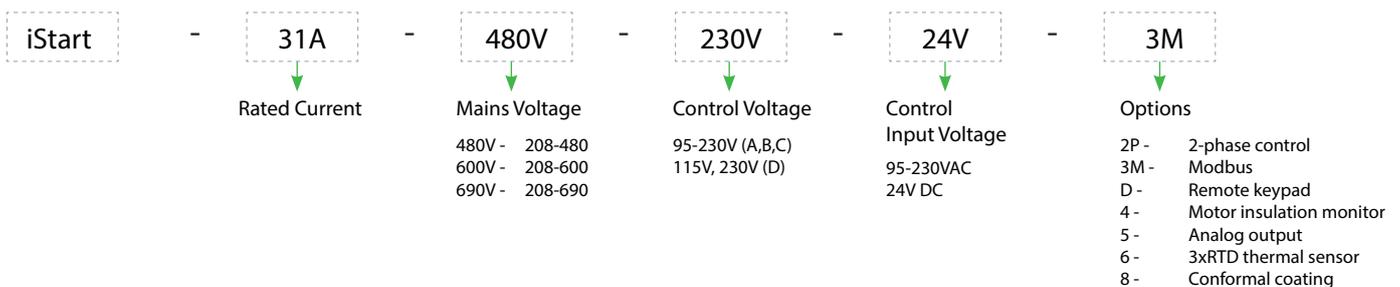
Models | 17-1100 A, 208-690 V

Model	Rated Current (A)	Motor HP @ 480V*	Unit Dimensions			Weight
			H	W	D	
A	17	10	10 in (245 mm)	5 in (122 mm)	6 in (147 mm)	6 lbs (3.2 kg)
	31	20				
	44	30				
	61	50				
B	72	50	11 in (275 mm)	5.5 in (132 mm)	8.5 in (208 mm)	11 lbs (5.2 kg)
	85	60				
	95	65				
C	105	75	15.5 in (388 mm)	7 in (175 mm)	9.5 in (234 mm)	22 lbs (10.9 kg)
	145	100				
	170	125				
	220	150				
D	230	200	22 in (555 mm)	14.5 in (365 mm)	11 in (285 mm)	81 lbs (37 kg)
	310	200				
	350	300				
E	430	350	25.5 in (644 mm)	14.5 in (365 mm)	11.5 in (285 mm)	83 lbs (38 kg)
F	515	400	31.5 in (791 mm)	19 in (480 mm)	12 in (302 mm)	123 lbs (56 kg)
	590	450				
	690	500				
G	720	600	31.5 in (791 mm)	20 in (510 mm)	12 in (302 mm)	132 lbs (60 kg)
	850	700				
I	960	800	32 in (815 mm)	22 in (559 mm)	12.5 in (316 mm)	187 lbs (85 kg)
	1100	900				

*For reference purposes only

How To Order

Example:



Low Voltage Soft Starter

Global Presence

With a network of more than 100 partners worldwide, the Solcon-IGEL brand is well represented across the globe.

As a global leader in solid state motor soft starters and control systems for applications that run across the scope of the industrial landscape we are constantly expanding our portfolio of products and services using the expertise and market knowledge that we have acquired over the years.

Solcon's experience guarantees that our Low Voltage Soft-Starters are the right choice for any application.

Together with our partners we assure safety, efficiency and reliability.



More Service

Experienced team of engineers ready for any situation



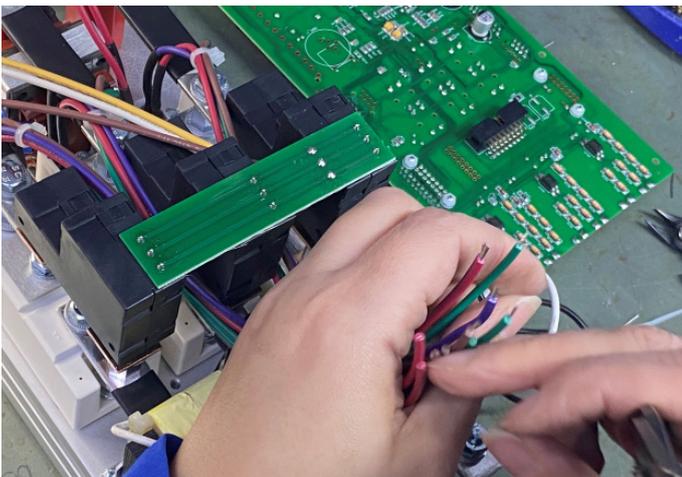
More Local

Our partners are in your neighbourhood for onsite needs



More Innovation

Holistic solutions for technology of the future



Meeting your needs across industries



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