

FST

深圳市传家智能科技有限公司

SHENZHEN FSTSYSTEM TECHNOLOGY CO.,LTD

Company Overview

Founded in 2014, Shenzhen FSTsystem Technology Co., Ltd specializes in frequency inverter research, development, and production. With a factory operating since 2005, we have [five engineers and a dedicated workforce of 60 professionals] focused solely on delivering "high-quality, CE-certified frequency inverters" for various applications. Our products come with a [two-year warranty], ensuring reliability and performance.

Vision, Mission & Values

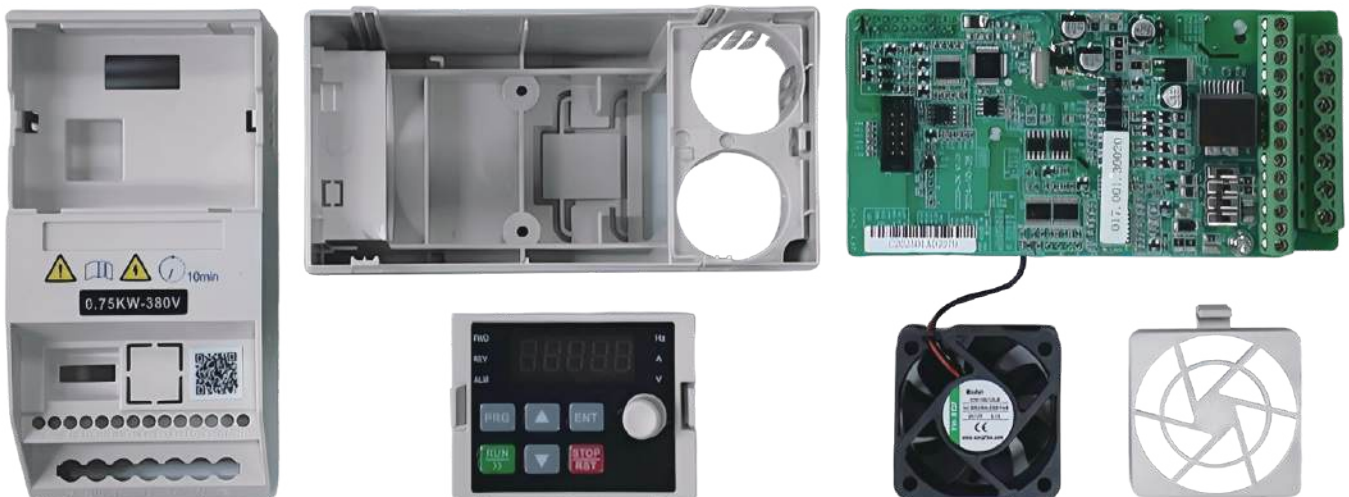
Vision: Bringing China's industry automation products to worldwide.

Mission: Satisfying customers, driving success, and creating sustainable profit for our team and shareholders.

Core Values: Integrity, Respect, Win-Win, Long-Term Perspective, Happiness.

Global Expansion & Customer Support

We are building overseas sales and technical centers with trusted partners to provide localized support. Our goal is to help customers establish strong local brands and eventually set up local assembly operations empowering them to thrive in their markets.



SKD kits cut import costs, enable local assembly, and meet localization needs.

Compact Economic AC Drive



FST100-PanelSnap Drive

- Mono phase 220V 0.2~1.5KW
- Output frequency 0-300Hz
- Overload 150%/60 secs
- 3DI 1AI 2DO Built-in RS485
- PID function, multi-speed preset, AVR, multi-protection functions



FST200-Mini Drive

- Mono phase 220V 0.4~3.7KW
- 3 phase 380V 0.75~11KW
- Output frequency 0-500Hz
- Overload 150%/60 secs
- 4DI+1 HDI / 1DO / 1AI / 1Relay
- Built-in RS485
- V/F SVC control
- Simple PLC, PID, multi-speed preset, AVR, multi-protection functions



CD20-BudgetWise Drive

- Mono phase 220V 0.4~2.2KW
- 3 phase 380V 0.75~15KW
- Output frequency 0-500Hz
- Overload 150%/60 secs
- 4DI 1AI 1AO 1Relay output
- Built in RS485 & brake unit
- V/F SVC control
- PID, Simple PLC, Multi-speed preset
- Solar water pump + water pump functions



Power Range	0.2kw 0.25HP	0.4kw 0.5HP	0.75kw 1HP	1.1kw 1.5HP	1.5kw 2HP	2.2kw 3HP	3kw 4HP	3.7kw 5HP	5.5kw 7.5HP	7.5kw 10HP	11kw 15HP
FST100 standard 0-500HZ	230V/1-phase										
FST200 standard 0-500HZ	230V/1-phase			380V/3-phase							
CD20 standard 0-500HZ	230V/1-phase			380V/3-phase							

Applications

Logistics, Food packaging machines, Woodworking machines, Fans and pumps, Electronics
Conveyance equipment

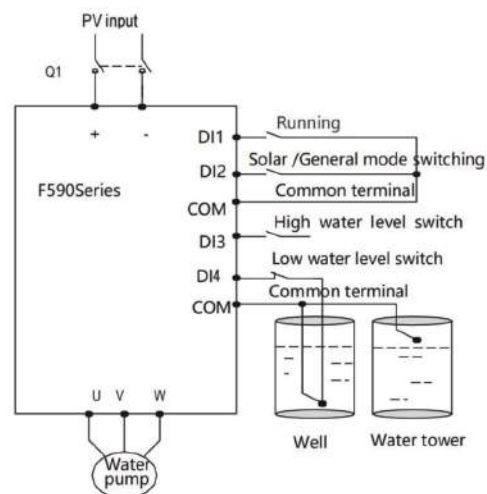
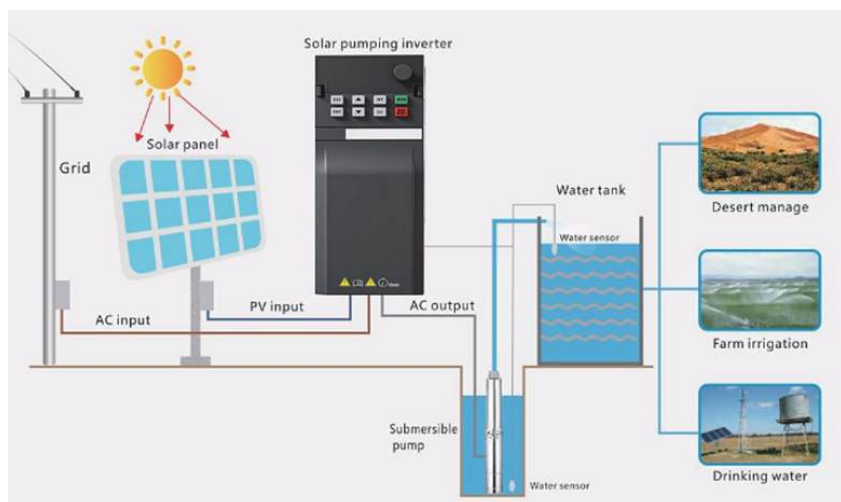
Solar Pump Inverter

MPPT 99% high efficiency solar pump inverter

Mono phase 220V 0.75~75KW

3 phase 380V 0.75~500KW

- 1.Efficiency up to 99%
- 2.Support DC solar power/AC grid power input at same time. and DC/AC auto switch.
- 3.Inverter will enter dormancy mode and wake up automatically according to the sunshine intensity
- 4.Built-in Protection included over- current, over-voltage, phase loss, short circuit, over-temperature protection etc
- 5.Operation without battery
- 6.Dry run protection, tank water level control
- 7.Recording Functions: total power generated (Kw/h) and operation time(H)
- 8.all item offer 2 years warranty
- 9.GPRS remote monitoring of real-time operation status, real-time start and stop (optional)



Power Range	0.75~3.7kW 1~5HP	5.5~18.5kW 7.5~25HP	22~37kW 30~50HP	45~75kW 60~100HP	90~220kW 125~300HP	280~450kW 375~600 HP
-------------	---------------------	------------------------	--------------------	---------------------	-----------------------	-------------------------

F590	230V/1-phase
	380V/3-phase

Applications

Farmland irrigation, residential water, landscape fountains, swimming pool water supply, desert management

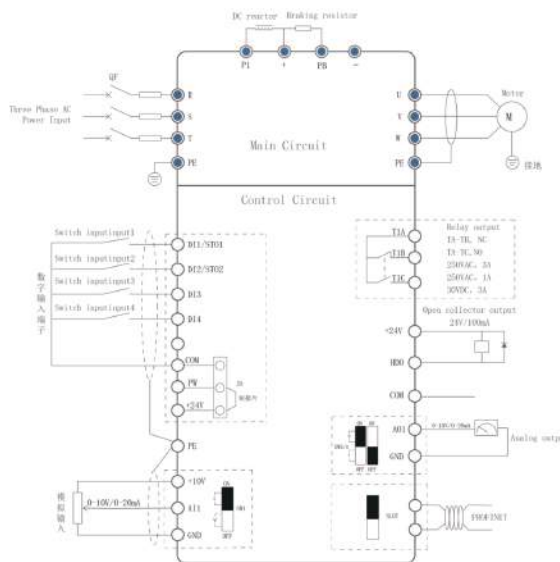
High Performance Vector Control Drive

Built-in STO, Various Communication Protocols and Wide Power Range

- Heavy duty overload capability: 150% / 60 secs and 180% / 3 secs, 200% / 0.5secs suitable for constant torque applications
- Supports induction / PM / SynRM motors
- SVC, FVC, V/F control
- Various modes for fans / pumps applications: PID control, sleep/wake up functions, flying start and frequency-hopping functions
- Wide power range (up to 500 kW for 380 V models)
- Built-in braking chopper (below 37kw)
- Highly safe and reliable with Safe Torque Off (STO)
- Enhanced protections and adaptation with PCB coating, compliant with Class 3C3
- Standard keypad / copy parameter keypad optional
- Built-in Modbus and optional communication cards: EtherCAT, PROFINET, PROFIBUS DP, Modbus RTU. PT100/PT1000, Dual expansion slots optional from 30kw



wall-mounted design



Power Range	0.75~3.7kW 1~5HP	5.5~18.5kW 7.5~25HP	22~37kW 30~50HP	110~185kW 150~250HP	220~450kW 300~600HP	280~450kW 375~600 HP
-------------	---------------------	------------------------	--------------------	------------------------	------------------------	-------------------------

F680	230V/1-phase
	380V/3-phase

Applications

Machine tools, Extruders, Calender machines, Paper machines, Compressors, Wire drawing machines, Packaging machines Fans and pumps.

Heavy Duty Vector Control Drive

Excellent High Overload Lift & Crane

- Open loop V/F & SVC control
- Closed loop FVC control
- Starting torque
 - 150% at 0.25 Hz for SVC
 - 180% at 0 Hz for FVC
- Communication options:
 - Modbus-RTU
 - PROFIBUS-DP
 - CANopen
 - CANlink
 - PROFINET
- Slip compensation
- Simplified parameters for easy start up
- Selectable linear or S-Curve acceleration/deceleration profile
- Flexible programmable I/Os
- User programmable functions
- Variable DC-injection braking
- Comprehensive trip diagnostics
- Built-in dynamic braking unit (up to & including 75 kW)



- Dedicated functions for crane applications:
 - Brake control logic
 - Light load function
 - Electronic motorised potentiometer
 - Overload protection function
 - Pre-excitation function
 - Over travel switches inputs
 - Anti-sway function (customized version)



Construction hoist



Tower Crane



Tower Crane

Power Range	0.75~3.7kW 1~5HP	5.5~18.5kW 7.5~25HP	22~37kW 30~50HP	45~75kW 60~100HP	90~220kW 125~300HP	280~450kW 375~600 HP
FST300CS	230V/1-phase					
	380V/3-phase					

Applications

Machine tools, Punching machines, Cranes and hoists

Built-in Bypass Soft-starter

50% space save

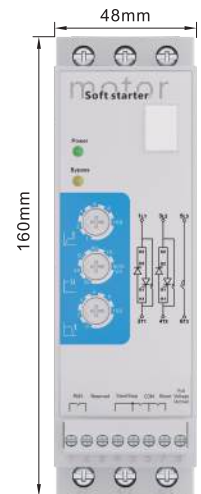
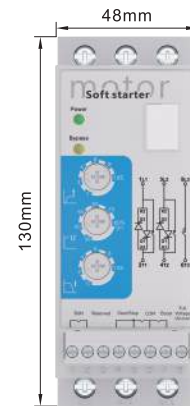
SLR-S series soft starter is a digital product. Suitable for squirrel-cage asynchronous motors:
The device features a compact structure and is easy to install, which can be installed horizontally side-by-side with other units. Saving space in control cabinets.

Key functions:

- Smooth motor acceleration and deceleration
- Torque limiter for asynchronous motors
- Improve the starting performance and prevent mechanical shock
- Built-in bypass to reduce the labor and material costs
- Boost function can be used to start heavy load under high mechanical friction
- Limit inrush current during motor startup
- Avoid excessive maintenance, and unplanned downtime

130/1.5~11A

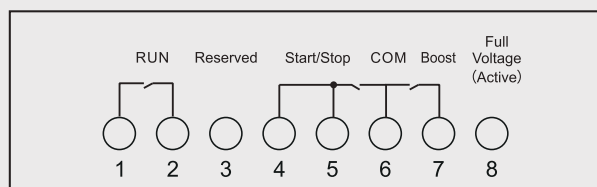
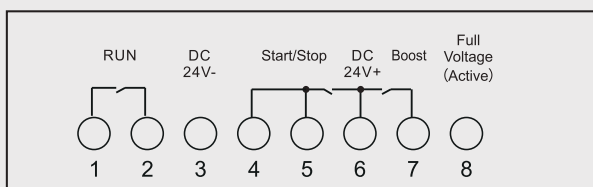
160/15~22A



SLR-S Key Parameter:

- Rated current: 1.5-22A
- Rated voltage: 220v-480V(-E) 400V(-I)
- Rated power: 0.37-5.5KW/220V 0.75-11KW/400V 1.1-15KW/480V
- Control voltage mode: I-Internal control voltage
E-External 24V DC control voltage
- Mounting type: DIN rail mounting
- Shock resistance: 3 to 13Hz / Peak-to-peak amplitude of 1.5 mm / 13 to 150 Hz: 1gn
- Initial voltage: 30~80% Ue
- Start slope: 1~10 Sec
- Stop slope: 1~10 Sec
- Frequency: 50-5% 60+5%Hz

Control terminal diagram



Power Range	0.75~3.7kW 1~5HP	5.5~18.5kw 7.5~25HP	22~37kW 30~50HP	45~75kW 60~100HP	90~220kW 125~300HP	280~450kW 375~600 HP
-------------	---------------------	------------------------	--------------------	---------------------	-----------------------	-------------------------

SLR-S

230V/1-phase

400V/3-phase

Applications

Conveyor belt ,Pump ,Fan ,Compressor ,Automatic door ,Small crane ,Belt-driven equipment

SSR Built-in Bypass Soft-starter

SSR series soft starter is a full digital product.
 Suitable for squirrel-cage asynchronous motors:
 Rated voltage: 200V-500V Rated power: 0.75-75KW
 The SSR series soft starter can control the motor to accelerate smoothly during the starting process and decelerate smoothly in the process of stopping.
 It also provides a comprehensive protection function for motors and itself



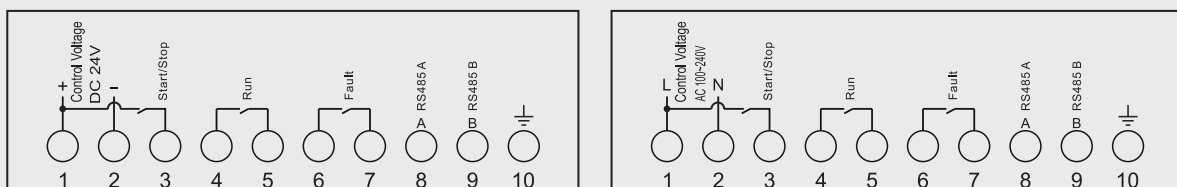
Key functions:

- Start/stop slope and initial voltage set by 3 different potentiometers built-in
- Bypass relay built-in, No need for extra contactor
- Voltage slope startup mode
- The output torque can be maintained during the stop process(Continuous torque control), prevent water hammer effect
- External Δ or Y Wiring mode
- Real-time data of communication(A,B,C phase current, average current) *1
- Reading history fault records by communication (10 history log)*1
- The statistics data can be read by modbus communication.*1

• Protections:

- | | |
|--------------------------------------------------------|--------------------------------|
| 1) 8xIn overcurrent protection. | 5) No voltage protection. |
| 2) 5~8.5xIn Continued Overcurrent Protection. | 6) Phase Missing Protection. |
| 3) Over load Protection with classes 10A,10,20 and 30. | 7) Phase Sequence Protection. |
| 4) Three phase current imbalance Protection. | 8) SCR Overheating Protection. |

Control terminal diagram



Power Range	0.75~3.7kW 1~5HP	5.5~18.5kW 7.5~25HP	22~37kW 30~50HP	45~75kW 60~100HP	90~220kW 125~300HP	280~450kW 375~600 HP
-------------	---------------------	------------------------	--------------------	---------------------	-----------------------	-------------------------

SSR

230V/1-phase
 400V/3-phase

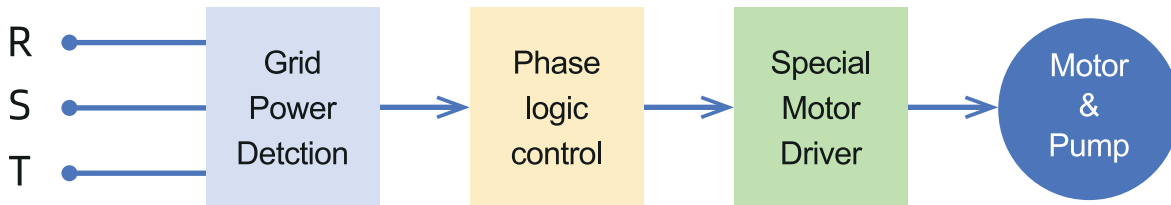
Applications

Conveyor belt ,Pump ,Fan ,Compressor ,Automatic door ,crane...

PowerGuard™ System

PowerGuard™: Intelligent VFD Control Cabinet

PowerGuard is an integrated electrical control solution designed for precision speed regulation, real-time monitoring, and robust protection. It is specifically engineered to handle unstable three-phase voltage and frequent phase loss, ensuring continuous operation by automatically switching input power to safeguard the motor and inverter.



Key Features & Specifications:

1. Smart Monitoring & Switching:

Real-time detection of 3-phase input voltage/current with automatic phase loss sensing and power source switching.

2. Remote Intelligence:

Human-machine interface (HMI) for centralized management; supports remote parameter configuration and data monitoring.

3. Comprehensive Protection:

Full-spectrum safeguards including phase loss, under-voltage, over-voltage, and short-circuit protection.

4. Technical Parameters:

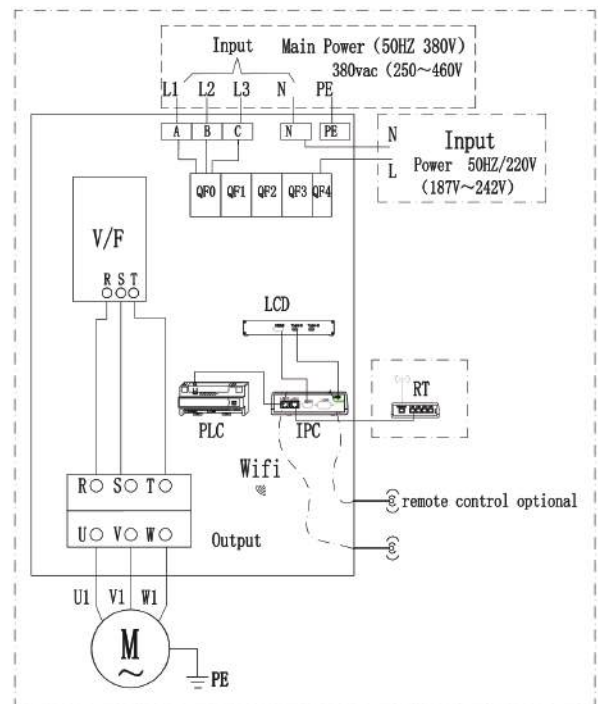
Input Voltage Range: 3-Phase 250VAC ~ 460VAC

5. Power Capacity:

0.75kW ~ 75kW

6. Motor Compatibility:

Standard for 3-phase asynchronous motors (3-phase synchronous motors optional).



Applications

Fans, pumps, compressors, it excels in demanding environments such as automated production lines and unmanned pumping stations.