

## Low Voltage Drives Product Portfolio

Hitachi Hi-Rel Power Electronics Pvt. Ltd.



### SJ700 / SJ700i Series Low Voltage Inverter

- Powerful and Compact Inverter
- 415 V Class
- From 0.75 kW to 450 kW
- Designed to meet the production and performance needs of OEMs and machine builders, system integrators, panel builders and end users
- Many standard features and capabilities and can be augmented with various communications and I/O options
- Can be easily configured to meet the requirements of wide-range of applications across various industry segments

### WJ200 Series Low Voltage Inverter

- 200 V Class - 0.2 kW to 2.2 kW
- 400 V Class - 0.4 kW to 15 kW
- Compact Inverter
- 3-Phase 400V Class
- Offers Industry leading performance
- Conformity to global standards
- Offers ease of use, ease of maintenance, environmental friendliness, various versatile functions



### HH10 Series Drives

- 1 - Phase 200 V Class
- 3 - Phase 200 & 400 V Class
- From 0.2 kW to 2.2 kW
- Independent air duct design
- Multi-function and easy to use
- TUV SUD and reliable quality assurance
- Standard Modbus communication
- Built-in PID
- 16 steps multi-step speed control

### HH100 Series Drives

- From 0.75 kW to 15 kW
- 3 - phase 400 V class
- More accurate motor auto tuning
- Excellent performance
- Separate air duct
- Accurate rotating and static motor auto tuning, convenient debugging, easy operation
- AM sensor less vector control mode
- Separate air duct, prevents the contaminants into the electronic parts/components
- C3 input filter (standard configuration) and C2 filter (optional)



### HH200 Series Drives

- From 0.7 kW to 30 kW
- 3 - Phase 400 V Class
- More accurate motor autotuning
- Multiple braking modes and instant stopping
- Perfect voltage and current control, reduce the fault protection time
- Multiple installation modes, Wall mounting and flange mounting
- C3 input filter (standard configuration) and C2 filter (optional)
- Parallel installation
- Embedded braking units of 1.5-30 kW drive
- Advanced Thermal Technology makes exact Thermal Design

## Target Applications



Fan



Pump



Compressor



Conveyor



HVAC



Extruder



Winder



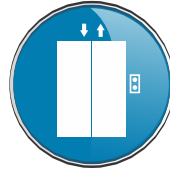
Ball Mill



Crane



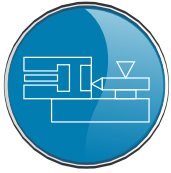
Crusher



Elevator



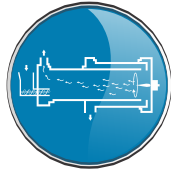
Hoist



Injection Molding



Mixer



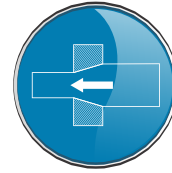
Rotary Klin



Textile Machine



Steel



Wire Drawing

## About Us

Hitachi Hi-Rel Power Electronics belongs to Industrial products business unit of Hitachi, Ltd. and contributes to new value creation by supplying strong core components. With more than 3 decades of experience, Hitachi Hi-Rel has garnered a significant level of trust in market segment and continues to offer world class power electronics products, value added services & customized solutions. Company serves entire gamut of Industries, particularly in mission critical applications for Refineries, Petro-Chemicals, Power Generation, Steel & Metals, and Process Industries as well as Critical Data Processing Applications.

- Pioneer in power electronics
- Leading manufacturer of UPS, drives and solar inverters
- Manufacturing facility at Gandhinagar & Sanand, near Ahmedabad in Gujarat, India
- In-house R&D facility recognized by DSIR, Government of India
- State-of-the-art product portfolio
- ISO 9001:2015, ISO 14001:2015 & BS OHSAS 18001:2007 certified company with export house status
- Approved by leading consultants and EPC vendors
- Global and pan India presence
- Serving entire gamut of industries
- Offers products with greater energy efficiency & lower carbon footprint

### Regional Offices:

Ahmedabad	- +91-79-6604 6200	ho_drives@hitachi-hirel.com
Mumbai	- +91-22-2525 8395	sales_bom@hitachi-hirel.com
Pune	- +91-20-3078 2907	sales_pune@hitachi-hirel.com
Bangalore	- +91-80-2334 4761	sales_bang@hitachi-hirel.com
Chennai	- +91-44-2441 4023	sales_chennai@hitachi-hirel.com
Hyderabad	- +91-40-2781 3159	sales_hyd@hitachi-hirel.com
Kolkata	- +91-33-4033 3999	sales_cal@hitachi-hirel.com
Noida	- +91-120-416 8508	sales_del@hitachi-hirel.com

## Hitachi Hi-Rel Power Electronics Pvt. Ltd.

### Registered Office

B - 52, Corporate House, Judges Bungalow Road, Bodakdev,  
Ahmedabad - 380 054 Gujarat, India.  
Phone: +91-79-6604 6200, Fax: +91-79-6604 6201

### Sanand Works

SM 3 & 4, Sanand - II GIDC, Industrial Estate, Bol Village,  
Sanand - 382 110 Gujarat, India.  
Phone: +91-2717-678777, Fax: +91-2717-678700

**Email:** ho\_drives@hitachi-hirel.com, contact@hitachi-hirel.com

In the spirit of continuous improvement, specifications are subject to change without notice.

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