

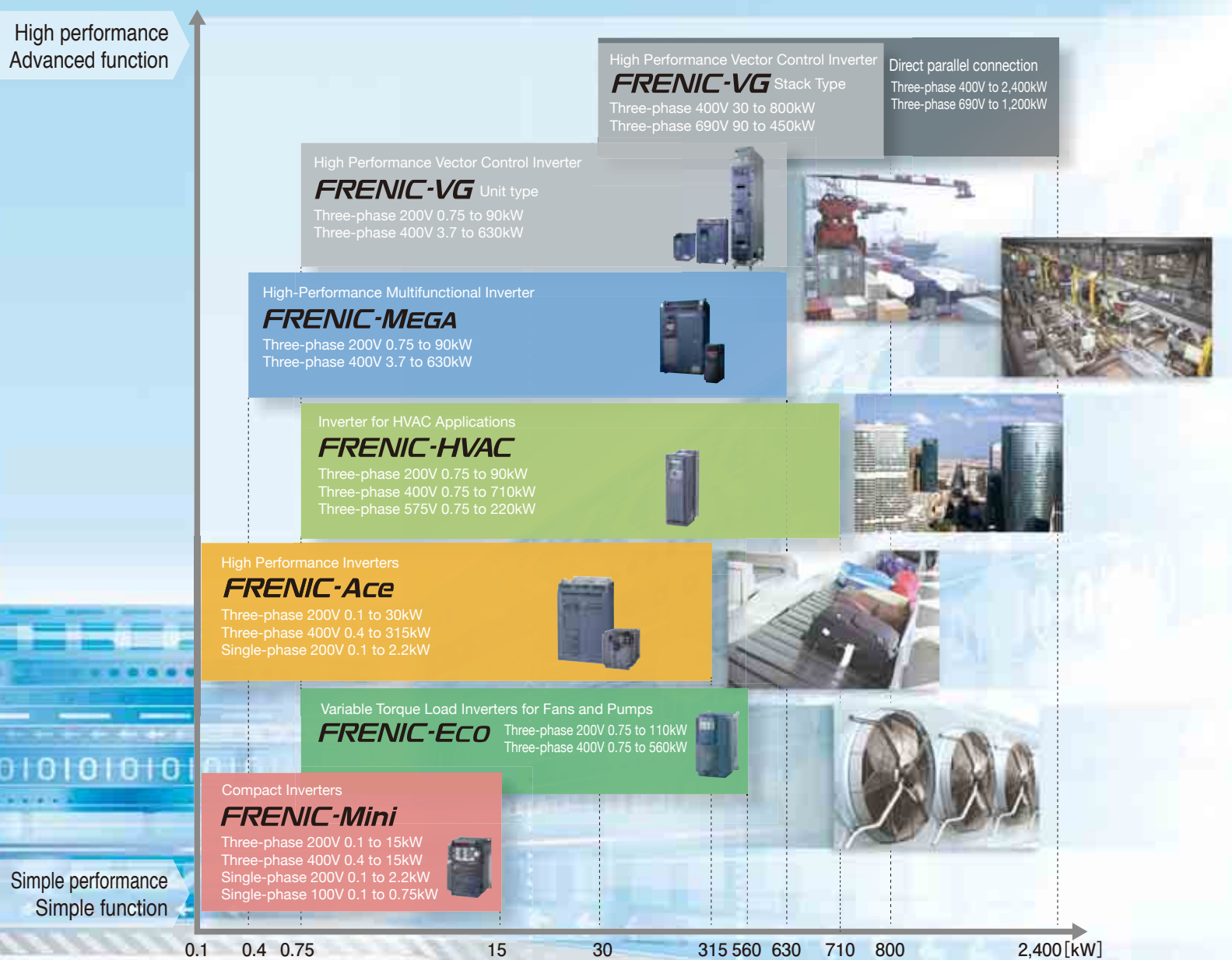
Fuji Inverter Family Consisting of a Diverse Lineup

Major features of Fuji inverters

- Environmentally-friendly long-life design (10 years) and compliance with RoHS directive *1
- A wide variety from simple performance models to high performance models
- Specialized models lined up that can maximize the performance for each application such as fan and pump application and crane application

*1 Except for some models.

Fuji inverter series lineup



Diversifying Fuji inverter applications

◎ : Best suitable ○ : Suitable

Classification	Representative instrument image	Application example	FRENIC-Mini	FRENIC-ECO	FRENIC-Ace	FRENIC-HVAC	FRENIC-MEGA	FRENIC-VG
Fluid machine		Fan	○	◎	○	◎	◎	
		Pump	○	◎	○	◎	◎	
		Blower	○	◎	○	◎	◎	
		Compressor	○	◎	○	◎	◎	
		Gear pump			○		◎	
Machine tool		Drilling machine			○		◎	
		Turning machine			○		◎	
		Grinding machine			○		◎	
		Tool changer	○		◎			
		Milling machine					○	◎
		Machining centre					○	◎
Metal processing machine		Pressing machine					○	◎
		Winder					○	◎
		Wire drawing machine			○			◎
		Shearing machine			○			◎
		Dicer						◎
Conveyor machine (vertical)		Elevator			○		○	◎
		Escalator			○		○	◎
		Multi-level storage			○		○	◎
		Multi-level parking lot			○		○	◎
		Crane					○	◎
		Hoist crane			◎		○	◎
Conveyor machine (horizontal)		Conveyor transport	○		◎		◎	
		Chain transport	○		◎		◎	
		Ball screw	○		◎		◎	
Food processing machine		Noodle making machine	○		◎		◎	
		Confectionery machine	○		◎		◎	
		Tea making machine	○		◎		◎	
		Bread making machine	○		◎		◎	
		Mixer	○		◎		◎	
		Slicer	○		◎		◎	◎
Packing and bookbinding machine		Labeler	○		○		◎	◎
		Inner packing machine	○		○		◎	◎
		Outer packing machine	○		○		◎	◎
		Bookbinding machine	○		○		◎	◎
		Wrapping machine	○		○		◎	◎
		Paper machine	○		○		◎	◎
Printing machine		Winder			○		○	◎
		Slitter					○	◎
		Offset printing machine					○	◎
		Rotary printing machine					○	◎
Health, medical, welfare care instruments		Stair lift	○		◎			
		Treadmill	○		◎			
		Care bed	○		◎			
		Bubble bath	○	○	◎	○		
Others		Commercial laundry machine	○		○		◎	
		Car washing machine	◎		○			
		Food waste disposer	◎		○			
		Conveyor-belt sushi	◎		○			
		Stage installation			○			◎
		Pachinko ball feeder	◎		○		◎	

* Options may be required for application.

Major specifications of series

Series name	Input voltage class	Capacity range (application motor capacity) [kW]	Overload capability	Digital input X terminal including FWD/REV terminal	Digital input Y terminal	Analog input	Analog output	Output frequency range	
FRENIC-Mini	Three-phase 200V	0.1 to 15 kW	150% -1min. 200% -0.5sec.	5	1	2	1	0.1 to 400Hz	
	Three-phase 400V	0.4 to 15 kW							
	Single-phase 200V	0.1 to 2.2 kW							
	Single-phase 100V	0.1 to 0.75 kW							
FRENIC-Eco	Three-phase 200V	0.75 to 110 kW	120% -1min.	7	3	3	1	0.1 to 120Hz	
	Three-phase 400V	0.75 to 560 kW							
FRENIC-Ace	Three-phase 200V (ND)	0.1 to 30 kW	120% -1min.	7	2	2	1	0.1 to 500Hz	
	Three-phase 400V (HND)	0.4 to 315 kW							
	Single-phase 200V (HHD)	0.1 to 2.2 kW	150% -1min.						
FRENIC-HVAC	Three-phase 200V	0.75 to 90 kW	110% -1min.	9	4	3	2	0.1 to 120Hz	
	Three-phase 400V	0.75 to 710 kW							
	Three-phase 575V	0.75 to 220 kW							
FRENIC-MEGA	Three-phase 200V (HD)	0.4 to 90 kW	150% -1min. 200% -3sec.	11	4	3	1	0.1 to 500Hz	
	Three-phase 400V (HD)	0.4 to 630 kW							
	Three-phase 200V(LD)	7.5 to 110 kW	120% -1min.					0.1 to 120Hz	
	Three-phase 400V(LD)	7.5 to 710 kW							
FRENIC-VG	Unit Type	Three-phase 200V (HD)	0.75 to 90 kW	150% -1min. 200% -3sec.	11	4	3	1	0.1 to 150Hz
		Three-phase 400V (HD)	3.7 to 630 kW						
		Three-phase 400V (MD)	110 to 450 kW	150% -1min.					
		Three-phase 200V(LD)	37 to 110 kW	120% -1min.					
	Three-phase 400V(LD)	37 to 710 kW							
	StackType	Three-phase 400V (MD)	30 to 800 kW	150% -1min.					
		Three-phase 690V (MD)	90 to 450 kW	110% -1min.					
		Three-phase 400V(LD)	37 to 1000 kW						
Three-phase 690V (LD)		110 to 450 kW							

Control function																
Auto-restart after momentary power failure	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Slip compensation control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
PID control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Automatic energy saving operation	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Regeneration prevention control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Overload prevention control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Torque limiter	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Preventing condensation in motor	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Number of motor switching options	3	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Pick-up operation, draw operation	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Commercial power supply switching operation	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Customizable logic function	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Hit-and-stop control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Dancer roll control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Velocity zero control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Servo lock	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Synchronous motor driving	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Calendar function	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Traceback function	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Online tuning	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Functional safety (STO)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Pattern operation, timer operation	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Pump control	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

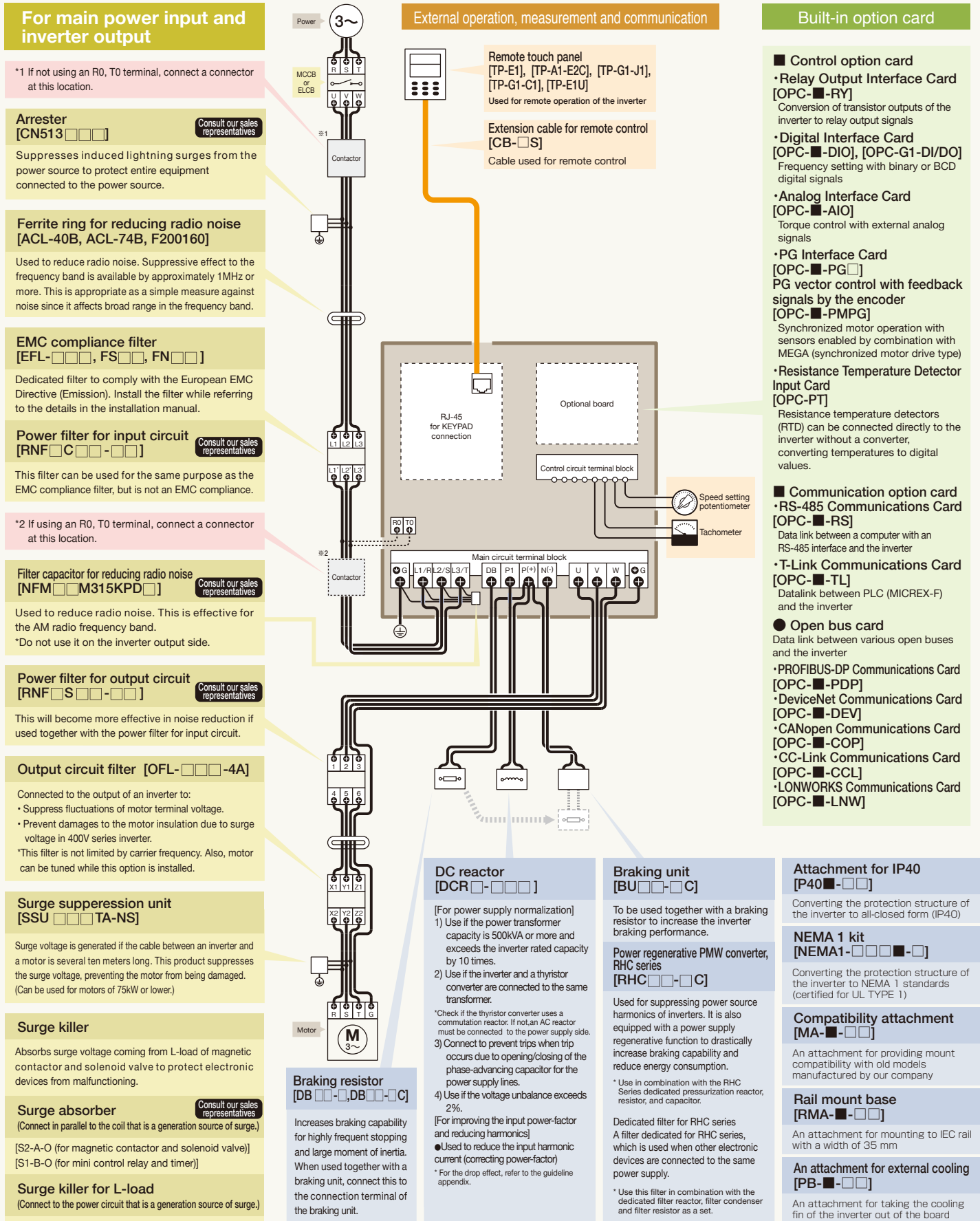
*1 The behavior of analog input and output can be switched by settings. Refer to the catalogue of each series.
 *2 Consult our sales representatives.

Special option

Applicable inverter		<i>FRENIC-Mini</i>	<i>FRENIC-ECO</i>	<i>FRENIC-Ace</i>	<i>FRENIC-HVAC</i>	<i>FRENIC-MEGA</i>	<i>FRENIC-VG</i>	
Item	Control option card	Relay Output Interface Card		○		○	○	
		Digital Interface Card			○		○	○
		Analog Interface Card			○	○	○	○
		PG Interface Card			○		○	○
		Analog Current Output Interface Card				○	○	
		Synchronize Interface Card						○
	Communication option card	RS-485 Communications Card	Built-in	○	Built-in ^{*1}	Built-in	Built-in	Built-in
		T-Link Communications Card					○	○
		SX-bus Communications Card					○	○
		E-SX-bus Communications Card						○
		PROFIBUS-DP Communications Card		○	○	○	○	○
		DeviceNet Communications Card		○	○	○	○	○
		CANopen Communications Card			○	○	○	
		CC-Link Communications Card		○	○	○	○	○
		LonWorks Communications Card		○		○		
		Ethernet Communications Card			○			
		Resistance Temperature Detector Input Card		○		○		
		ProfiNet-RT Communications Card			○			
		ProfiNet-IRT Communications Card						○
		User Programming Card (UPAC)						○
Functional Safety Card						○		
Software	Inverter support loader software	○	○	○	○	○	○	
Operation option	Remote touch panel	○	Standard	Standard				
	Remote touch panel with USB	○		○		Standard		
	Multifunctional touch panel		○	○	Standard	○	Standard	

*1 The number of connectors of the RS-485 port can be changed from 1 to 2 by mounting an option card.

Wiring diagram of peripheral equipment of inverter



For main power input and inverter output

*1 If not using an R0, T0 terminal, connect a connector at this location.

Arrester [CN513 □□□□]
 Suppresses induced lightning surges from the power source to protect entire equipment connected to the power source.

Ferrite ring for reducing radio noise [ACL-40B, ACL-74B, F200160]
 Used to reduce radio noise. Suppressive effect to the frequency band is available by approximately 1MHz or more. This is appropriate as a simple measure against noise since it affects broad range in the frequency band.

EMC compliance filter [EFL-□□□□, FS□□□□, FN□□□□]
 Dedicated filter to comply with the European EMC Directive (Emission). Install the filter while referring to the details in the installation manual.

Power filter for input circuit [RNF□□C□□-□□□]
 This filter can be used for the same purpose as the EMC compliance filter, but is not an EMC compliance.

*2 If using an R0, T0 terminal, connect a connector at this location.

Filter capacitor for reducing radio noise [NFM□□M315KPD□]
 Used to reduce radio noise. This is effective for the AM radio frequency band.
 *Do not use it on the inverter output side.

Power filter for output circuit [RNF□□S□□-□□□]
 This will become more effective in noise reduction if used together with the power filter for input circuit.

Output circuit filter [OFL-□□□□-4A]
 Connected to the output of an inverter to:
 • Suppress fluctuations of motor terminal voltage.
 • Prevent damages to the motor insulation due to surge voltage in 400V series inverter.
 *This filter is not limited by carrier frequency. Also, motor can be tuned while this option is installed.

Surge suppression unit [SSU □□□□ TA-NS]
 Surge voltage is generated if the cable between an inverter and a motor is several ten meters long. This product suppresses the surge voltage, preventing the motor from being damaged. (Can be used for motors of 75kW or lower.)

Surge killer
 Absorbs surge voltage coming from L-load of magnetic contactor and solenoid valve to protect electronic devices from malfunctioning.

Surge absorber
 (Connect in parallel to the coil that is a generation source of surge.)
 [S2-A-O (for magnetic contactor and solenoid valve)]
 [S1-B-O (for mini control relay and timer)]

Surge killer for L-load
 (Connect to the power circuit that is a generation source of surge.)
 [FSL-323 (for 3-phase)]
 [FSL-123 (for single -phase)]

External operation, measurement and communication

Remote touch panel [TP-E1], [TP-A1-E2C], [TP-G1-J1], [TP-G1-C1], [TP-E1U]
 Used for remote operation of the inverter

Extension cable for remote control [CB-□□S]
 Cable used for remote control

RJ-45 for KEYPAD connection
 Optional board

Control circuit terminal block
 Speed setting potentiometer
 Tachometer

Main circuit terminal block
 G, L1, R/L2, S/L3, T, DB, P1, P(+), N(-), U, V, W, G

DC reactor [DCR □□-□□□□]
 [For power supply normalization]
 1) Use if the power transformer capacity is 500kVA or more and exceeds the inverter rated capacity by 10 times.
 2) Use if the inverter and a thyristor converter are connected to the same transformer.
 *Check if the thyristor converter uses a commutation reactor. If not, an AC reactor must be connected to the power supply side.
 3) Connect to prevent trips when trip occurs due to opening/closing of the phase-advancing capacitor for the power supply lines.
 4) Use if the voltage unbalance exceeds 2%.

Braking unit [BU□□-□□C]
 To be used together with a braking resistor to increase the inverter braking performance.
Power regenerative PMW converter, RHC series [RHC□□-□□C]
 Used for suppressing power source harmonics of inverters. It is also equipped with a power supply regenerative function to drastically increase braking capability and reduce energy consumption.
 * Use in combination with the RHC Series dedicated pressurization reactor, resistor, and capacitor.

Braking resistor [DB □□-□□, DB□□-□□C]
 Increases braking capability for highly frequent stopping and large moment of inertia. When used together with a braking unit, connect this to the connection terminal of the braking unit.
 [For improving the input power-factor and reducing harmonics]
 • Use to reduce the input harmonic current (correcting power-factor)
 * For the drop effect, refer to the guideline appendix.

Attachment for IP40 [P40□-□□□]
 Converting the protection structure of the inverter to all-closed form (IP40)

NEMA 1 kit [NEMA1-□□□□-□□]
 Converting the protection structure of the inverter to NEMA 1 standards (certified for UL TYPE 1)

Compatibility attachment [MA-□-□□□]
 An attachment for providing mount compatibility with old models manufactured by our company

Rail mount base [RMA-□-□□□]
 An attachment for mounting to IEC rail with a width of 35 mm

An attachment for external cooling [PB-□-□□□]
 An attachment for taking the cooling fin of the inverter out of the board

Built-in option card

Control option card
 • Relay Output Interface Card [OPC-□-RY]
 Conversion of transistor outputs of the inverter to relay output signals

• Digital Interface Card [OPC-□-DIO], [OPC-G1-DI/DO]
 Frequency setting with binary or BCD digital signals

• Analog Interface Card [OPC-□-AIO]
 Torque control with external analog signals

• PG Interface Card [OPC-□-PG□]
 PG vector control with feedback signals by the encoder [OPC-□-PMPG]
 Synchronized motor operation with sensors enabled by combination with MEGA (synchronized motor drive type)

• Resistance Temperature Detector Input Card [OPC-PT]
 Resistance temperature detectors (RTD) can be connected directly to the inverter without a converter, converting temperatures to digital values.

Communication option card
 • RS-485 Communications Card [OPC-□-RS]
 Data link between a computer with an RS-485 interface and the inverter

• T-Link Communications Card [OPC-□-TL]
 Datalink between PLC (MICREX-F) and the inverter

• Open bus card
 Data link between various open buses and the inverter

• PROFIBUS-DP Communications Card [OPC-□-PDP]
 • DeviceNet Communications Card [OPC-□-DEV]
 • CANopen Communications Card [OPC-□-COP]
 • CC-Link Communications Card [OPC-□-CCL]
 • LONWORKS Communications Card [OPC-□-LNW]

Peripheral and structure options

* The series names (C2, E2, G1, F1, VG1) are put in the place of ■ in the type names.

Fuji Inverter Family Contributing with a Diverse Lineup



Standard product



Semi-standard product

Compact Inverters

FRENIC-Mini

RoHS



- Series of compact inverters equipped with functions ideal for diverse small capacity needs
- Frequency setting volume control provided as standard equipment, allowing easy operation
- Dynamic torque-vector control, PDI control function, cooling fan ON/OFF control function and synchronous motor control provided

● Model variations



Standard type



Built-in EMC filter

● Major functions



Side-by-side installation



Frequency setting volume control



Synchronous motor driving

● International standards



EC Directive (CE marking)



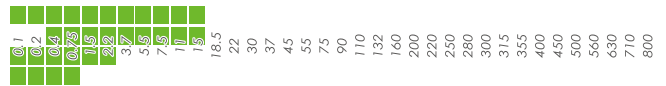
UL Standards (cUL Standards)



KC certification

● Input voltage class/capacity range

Three-phase 200V/0.1 to 15kW
 Three-phase 400V/0.4 to 15kW
 Single-phase 200V/0.1 to 2.2kW
 Single-phase 100V/0.1 to 0.75kW



Variable Torque Load Inverters for Fans and Pumps

FRENIC-ECO

RoHS



- Series of inverters developed exclusively for square reduction loads such as fans and pumps
- Equipped with various functions including new system of automatic energy saving, PID control, life expectancy prediction and commercial power supply operation switching sequence
- Ideal for air-conditioning systems, fans and pumps, for which conventional general-purpose inverters could not be used due to cost and function issues

● Model variations



Standard type

● Major functions



Side-by-side installation (5.5 kW or smaller)



Optimized minimum power control



Detachable keypad

● International standards



EC Directive (CE marking)



UL Standards (cUL Standards)

● Input voltage class/capacity range

Three-phase 200V/0.75 to 110kW
 Three-phase 400V/0.75 to 560kW



High Performance Inverters

FRENIC-Ace

RoHS



- Series of inverters applicable to diverse applications ranging from simple variable-speed applications to business sector-specific machines requiring high performance and multiple functions
- Capable of four load ratings according to applied load, optimizing total cost and offering space-saving performance^{*1}
- Customizable logic function provided as standard feature to allow up to 200 steps of programming

● Model variations



Standard type



Built-in EMC filter

● Major functions



Side-by-side installation



Synchronous motor driving



Detachable keypad



Pulse train input



Customizable logic



Four ratings



Functional safety STO

● International standards



EC Directive (CE marking)



UL Standards (cUL Standards)



KC certification^{*2}

● Input voltage class/capacity range

Three-phase 200V/0.1 to 30kW (ND)
 Three-phase 400V/0.4 to 315kW (HND)
 Single-phase 200V/0.1 to 2.2kW (HHD)



*1 Three-phase 400V only *2 FRN□□□E2S-○G●, FRN□□□E2S-○K and FRN□□□E2S-○J only

Standard Standard product **Semi-standard** Semi-standard product

Inverter for HVAC Applications **FRENIC-HVAC**

RoHS



- Series of inverters equipped with energy-saving and special functions required for air conditioning market and designed exclusively for specific market
- EMC filter and DC reactor (DCR) provided as standard equipment *1
- Compliance with the protective structure IP55 *2
- Equipped with functions suited for air conditioning applications including 4PID control, real time clock, torque-vector control, filter clogging prevention and linearization function

● Model variations

STD
Standard type

● Major functions

SMTW I@3.4
Calendar function

Linearization function

Customizable logic

Optimized minimum power control

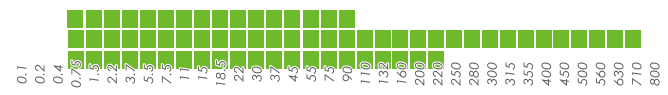
● International standards

CE EC Directive (CE marking)

UL LISTED UL Standards (cUL Standards)

● Input voltage class/capacity range

Three-phase 200V/0.75 to 90kW
 Three-phase 400V/0.75 to 710kW
 Three-phase 575V/0.75 to 220kW



*1 DC reactors of three-phase 200 V: 0.75 to 45 kW and three-phase 400 V: 0.75 to 90 kW are built in *2 Compatible with three-phase 200 V: 0.75 to 45kW and three-phase 400 V: 0.75 to 90 kW.

High Performance Multifunctional Inverters **FRENIC-MEGA**

RoHS



- Series of general-purpose inverters provided with best-in-class vector functions including vector control with and without speed sensor, PG vector control, dynamic torque vector control and V/f control
- Various functions suited for applications available such as improved brake signal, dancer control function, pulse train input function, ratio operation and customizable logic function
- Built-in USB board allowing management of various types of inverter information, facilitating maintenance

● Model variations

STD Standard type

EMC Built-in EMC filter

DCR Integrated DC reactor

PM Synchronous motor driving type

PS Position control type

SF Safety-enabled type

● Major functions

Optimized minimum power control

Detachable keypad

Built-in USB terminal

Pulse train input

Ratio operation

Customizable logic

Triple ratings

● International standards

CE EC Directive (CE marking)

UL LIST UL Standards (cUL Standards)

KC certification

● Input voltage class/capacity range

Three-phase 200V/0.4 to 90kW (HD)
 Three-phase 400V/0.4 to 630kW (HD)



High Performance Vector Control Inverter **FRENIC-VG**

RoHS



- Fuji's highest-performance series of inverters bringing vector inverter technologies together
- Provided with vector control with and without speed sensor and V/f control
- Full-fledged maintenance functions enabled by calendar function and traceback
- Safety function (STO) compliant with functional safety standard EN61800-5-2 provided as standard feature
- Stack type three-phase 690 V 355 to 450 kW provided with new device (SiC hybrid module) capable of realizing significant reduction of generated loss as compared with conventional Si module
- A Marine standard compatible product lineup has been added as semi-standard products. (Certifying body: DNV GL classification societies)*1*2

● Model variations

STD
Standard type

● Major functions

Detachable keypad

UPAC

Synchronous motor driving

Triple ratings

Functional safety STO

Position control

Load compensating control

Calendar function

● International standard

CE EC Directive (CE marking)

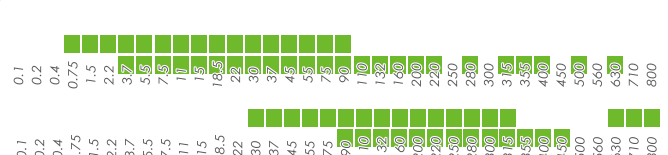
UL LIST UL Standards (cUL Standards)

KC certification (Stack type: pending certification)

● Input voltage class/capacity range

Unit Type
 Three-phase 200V/0.75 to 90kW (HD)
 Three-phase 400V/3.7 to 630kW (HD)

Stack Type
 Three-phase 400V/30kW to 800kW (MD)
 Three-phase 690V/90kW to 450kW (MD)



*1 Three-phase 690V stack type only. *2 Consult our sales representatives.

How To Read The Model Number

FRENIC-
Mini

FRN 0010 C 2 S - 2 A

Code	Series name
FRN	FRENIC Series

Code	Nominal applied motor capacity
0001	0.1kW
}	}
0060	15kW

Code	Application range
C	Compact

Code	Developed inverter series
2	2series

Code	Destination / Instruction Manual
A	Asia/English
E	Europe/English
U	USA/English
C	China/Chinese
J	Japan/Japanese

Code	Input power source
2	Three-phase 200V
4	Three-phase 400V
6	Single-phase 100V
7	Single-phase 200V

Code	Structure
S	Standard (IP20)
E	Built-in EMC filter (IP20)

FRENIC-
ECO

FRN 5.5 F 1 S - 2 A

Code	Series name
FRN	FRENIC Series

Code (kW)[HP]	Nominal applied motor capacity
0.75 [001]	0.75kW
}	}
560 [900]	560kW

Code	Application range
F	Fan and pump (for square reduction torque loads)

Code	Developed inverter series
1	1series

Code	Destination / Instruction Manual
A	Asia/English
E	Europe/English
U	USA/English
J	Japan/Japanese

Code	Input power source
2	Three-phase 200V
4	Three-phase 400V

Code	Structure
S	Standard (IP20/IP00)

FRENIC-
Ace

FRN 0004 E 2 S - 2 GB

Code	Series name
FRN	FRENIC Series

Code	Nominal applied motor capacity
0001	0.1kW
}	}
0590	315kW

Code	Application range
E	High-performance and multifunction type, for general industries

Code	Developed inverter series
2	2series

Code	Destination / Instruction Manual
GA, GB ^{*1}	Global/English
E	Europe/English
C	China/Chinese
K	Korea/Korean
J	Japan/Japanese

^{*1} Control terminals differ between GA model and GB model.
For details, please refer to the FRENIC-Ace catalog.

Code	Input power source
2	Three-phase 200V
4	Three-phase 400V
7	Single-phase 200V

Code	Structure
S	Standard
E	Built-in EMC filter

FRENIC-HVAC

FRN 3.7 AR 1 L - 4 A

Code	Series name	Code	Destination / Instruction Manual
FRN	FRENIC Series	A	Asia/English
		E	Europe/English
		U	USA/English
		J	Japan/Japanese
Code (kW)[HP]	Nominal applied motor capacity	Code	Input power source
0.75 [001]	0.75kW	2	Three-phase 200V
}	}	4	Three-phase 400V
710 [1000]	710kW	5	Three-phase 575V
Code	Application range	Code	Protective structure
AR	HVAC	L	IP55
		M	IP21
		S	IP00
Code	Developed inverter series		
1	1series		

FRENIC-MEGA

FRN 0.75 G 1 S - 2 A

Code	Series name	Code	Destination / Instruction Manual
FRN	FRENIC Series	A	Asia/English
		E	Europe/English
		U	USA/English
		C	China/Chinese
		T	Taiwan/English
		J	Japan/Japanese
Code (kW)[HP]	Nominal applied motor capacity	Code	Input power source
0.4 [001]	0.4kW	2	Three-phase 200V
}	}	4	Three-phase 400V
630 [900]	630kW		
Code	Application range	Code	Structure
G	High-performance and multifunction type	S	Standard
GX	Synchronous motor driving type	E	Built-in EMC filter
		H	Integrated DC reactor
Code	Developed inverter series		
1	1series		

FRENIC-VG

FRN 30 S VG 1 S - 4 E

Code	Series name	Code	Destination / Instruction Manual
FRN	FRENIC Series	E	English
		C	Chinese
		J	Japanese
Code	Nominal applied motor capacity	Code	Input power source
0.75	0.75kW	2	Three-phase 200V
}	}	4	Three-phase 400V
800	800kW	69	Three-phase 690V
Code	Form	Code	Structure
None	Unit type	S	Standard
S	Standard stack		
B	Stack by phase	Code	Developed inverter series
		1	1series
		Code	Application range
		VG	High performance vector control