

FREQUENCY CONVERTER

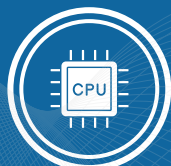


10-1000 kVA 1/3 phase input - 1/3 phase output fixed frequency converters are high-tech devices produced for use in fields such as industry, yacht ship and radar systems. This device is designed in an on-line system and feeds the loads it is connected to, with a stable frequency and voltage that it produces. It provides safer and more interference-free clean energy with its galvanic isolation transformer.

- With optional galvanic isolation transformer
- Efficiency up to 94%
- Parallel operation feature
- Emergency shutdown switch connection
- Static bypass feature
- Maintenance bypass feature
- LCD panel
- event memory
- remote monitoring
- Automatic and Manual battery test

**Product images may vary according to power values.*

FEATURES AND VALUES



Maximum security with CPU Control



LCD Panel



Energy saving with High Efficiency



Static By-Pass Feature



Intelligent fan speed changing according to load



event memory

You can access the product page by scanning the QR Code with your phone.



- SNMP compatible communication
- RS232 and dry contact outputs
- Custom production input/output values according to needs
- Compliance with international standards
- 2 years device and battery warranty
- 10-year spare parts supply guarantee
- Authorized service and customer service support



GENERAL	
1-3 Phase/1-3 Phase Power Options	10 / 15 / 20 / 30 / 40 / 60 / 80 / 100 / 120 / 150 / 200 kVA
Working Technique	On-Line Double Loop System with Output Isolation Transformer
Control	RISC Microprocessor Controlled
Yield	>%90
Overload Capacity	10 min at 125% Load, 1 min at 150% Load, 1 sec at 200% Load
Insulation Voltage	2.500 VAC (Between Input-Output, Input-Chassis, Output-Chassis)
Input	
Input Voltage	220/380/400 VAC (3 Dos)
Input Voltage Tolerance	±15%
Input Frequency	50 - 60 Hz (Optional)
Input Frequency Tolerance	±5%
Power Factor	>0.8
Ingress Protection	Thermal Magnetic Over Current, Over Voltage and EMI-RFI Filter
Surge and Surge Protection	IEEE 587 (4500 A, 110 Joules)
Output	
Output Voltage	220/115 VAC (3 Phase) ; 380/220 VAC (3 Phase) (Optional)
Output Voltage Tolerance	±1%
Output Frequency	60 / 400 Hz (Optional)
Output Frequency Tolerance	±0.1% Own Oscillator
Output Waveform	Full Sine
Dynamic Response	±5%, 5 ms
Output Protection	Short Circuit, Over Current, Over Voltage and Over Heat Electronic Protection
Output Transformer	Galvanic Isolation Transformer
BATTERY GROUP (OPTION)	
Tip	Fully Maintenance-Free Dry Type Sealed Battery
Charge	Current Limiting at Constant Voltage
Protection	Over Current, Over Voltage and Over Heat Electronic Protection
DC ONLY	
Rated Voltage	360/384VDC
Float Voltage	410/435VDC
DC Voltage Surge	<%1
DIGITAL FRONT PANEL	
Indicators and Buttons	2 x 16 LCD Panel, Menu Selection and Parameter Setting Buttons
Warning Messages	Input Fuse/Operating Mode/DC Voltage Low-High/Overload/Device Overheat/Inverter Overheat/Inverter Fast Fuse/Output Low-High
Traceable Values	Output Voltage/Output Frequency/Inverter Load Level/DC Bus Voltage/Device Temperature/EventHistory
Adjustable Values	Operating Mode/Auto-Manual Opening/DC Bus Breaking Voltage/Date/Time/AlarmSound Level/Communication Address Value
Audible Alarm	2 short "DITs" every 2 seconds in warning messages
Communication	Remote Monitoring, Parameter Setting and Backward 256 Event Memory with Computer via RS-232 and RS-485 Modules
ENVIRONMENTAL	
Cooling	Forced Fan
Electrical Noise Reduction	FCC Part 15 Class B
Protection Level	IP20 / IP42 / IP54 (Optional)
Colour	RAL 7035
Operating temperature	-10 / +40 °C
Relative humidity	90%
Working Height	Maximum 2.000 Mt
Noise Level	Less than 60dB at 1 Meter Distance
Electrical Standards	EN 50091-1 (Safety) / EN 50091-2 (EMC)