



**SMART PUMP  
MANAGEMENT IoT SYSTEM**

**EIJ** series



# Perfect Solution to Perfect Water Pressure!

## Who we are?

Powered by technology and the spirit of innovation, EURO-JTECH always tries to set a benchmark when it comes to quality and performance. EURO-JTECH has the experience, expertise, commitment and a clear vision to be a precursor of change, an innovator of new enhanced technologies involving efficient energy water controllers.

EURO-JTECH produces different varieties of VFD's and controllers for the water industry that is aim at accuracy and perfection. The name EURO-JTECH itself encapsulates the company ethos : "RESPECT" as we would be like to be respected as one of the leaders in the manufacturing of VFD and controllers for the water industry.

With a solid production capacity of over 20,000 per annually, EURO-JTECH has been rated as one among the best OEM manufacturers for well-known pump manufacturers. EURO-JTECH constantly upgrades the product features to match with the ever changing market trend & customer needs and vow that we will never say "NO" to adding features our partner's request/demand.

**Specification**

	EIJ-S100	EIJ-4000L/S	EIJ-4500L/S
Single phase model			Power: 0.75~2.2kW Input power: 1×220V Output power: 3×220V
Three phase model	Power: 0.75-75kW Input power: 3×3/480V Output power: 3×3/480V	Power: 0.75-22kW Input power: 3×3/480V Output power: 3×3/480V	
Main frequency	50/60Hz	50/60Hz	50/60Hz
IP Class	IP20	IP55	IP55
Ambient temperature	-10~+50 C	-10~+50 C	-10~+50 C
Connections	RS-485 port	RS-485 port	RS-485 port
Pressure transmitter	4~20mA	4~20mA	4~20mA
Display	Graphic LCD type (3.5")	CUSTOM/GRAPHIC LCD	LCD
Built-in-devices	Built-in EMC filter (IEC61800-3) Built-in DC reactor		



## EIJ-4500L

### EIJ-4500L

EIJ-4500L is a single phase specific pump VFD which adjusts the pump speed to maintain constant pressure to max. energy saving. The drives can be applied for residential and commercial water supply, water treatment etc.. As the drives are self cooling and motor-independent structure, it can be installed directly on the motor.

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### TECHNICAL SPECIFICATION

Available power: 0.75kW  
Input power: 1x220/240V  
Output power: 3x220/240V  
Main frequency: 50/60Hz  
Maximum frequency: 60Hz  
IP Class: IP55  
Class: C1  
Maximum distance of pressure transmitter from drive: 10 meters  
Ambient temperature: -10 C to 50 C  
Humidity 50% at 40 C and 90% at 20 C

### PROTECTIONS

Dry running  
Low water level detection  
Minimum level detection  
Over/under voltage Inverter  
Pressure setting  
Sensor failure  
Pump overload

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### FEATURES

LCD display  
Energy savings up to 70%  
Constant discharge pressure control  
Automatic recovery after power failure  
Easy retrofitting on existing pump system  
Mounted directly on standard I.E.C. motors  
Flexible installation(motor, wall)  
Back-light indication to indicate pump status



## EIJ-4500S

### EIJ-4500S

EIJ-4500S is a single phase specific pump VFD which adjusts the pump speed to maintain constant pressure to max. energy saving. The drives can be applied for residential and commercial water supply, water treatment etc.. As the drives are self cooling and motor-independent structure, it can be installed directly on the motor.

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### TECHNICAL SPECIFICATION

Available power: 0.75~2.2kW  
Input power: 1x220/240V  
Output power: 3x220/240V  
Main frequency: 50/60Hz  
Maximum frequency: 60Hz  
IP Class: IP55  
Class: C1  
Maximum distance of pressure transmitter from drive: 10 meters  
Ambient temperature: -10 C to 50 C  
Humidity 50% at 40 C and 90% at 20 C

### PROTECTIONS

Dry running  
Low water level detection  
Minimum flow stop  
Over/under voltage Inverter  
Pressure setting  
Sensor failure  
Pump overload

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### FEATURES

LCD display  
Energy savings up to 70%  
Constant discharge pressure control  
Automatic recovery after power failure  
Easy retrofitting on existing pump system  
Mounted directly on standard I.E.C. motors  
Flexible installation(motor, wall)  
Back-light indication to indicate pump status



## EIJ-4000

### EIJ-4000

EIJ-4000 is a three phase specific pump VFD that manage the pump performance to match a wide range of the system conditions and requirement for energy saving. The drives are self cooling and motor-independent structure, it can be installed directly on the motor or an option to be installed on walls.

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### TECHNICAL SPECIFICATION

Available power: 0.75~22kW  
Input power: 3x380/440V  
Output power: 3x380/440V  
Main frequency: 50/60Hz  
Maximum frequency: 60Hz  
IP Class: IP55  
Class: C2  
Maximum distance of pressure transmitter from drive: 10 meters  
Ambient temperature: -10 C to 50 C  
Humidity 50% at 40 C and 90% at 20 C

### PROTECTIONS

Dry running  
Low water level detection  
Minimum flow stop  
Over/under voltage Inverter  
Pressure setting  
Sensor failure  
Pump overload

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### FEATURES

LCD display  
Max. up to 6 parallel operation (Note: EIJ-4000L is max. up to 4 pumps)  
Energy savings up to 70%  
Constant discharge pressure control  
Automatic recovery after power failure  
Easy retrofitting on existing pump system  
Mounted directly on standard I.E.C. motors  
Flexible installation(motor, wall)  
Back-light indication to indicate pump status



## EIJ-S100

### EIJ-S100

EURO-JTECH and LS inverters(LG) have joint forces and have delivered an alternative answer to replace the motor mounted VFD's and introduced the all new EIJ-S100 series. The EIJ-S100 is a three phase specific pump VFD that manages the pump performance to match a wide range of the system conditions and requirement for energy saving. The drives are self-cooling and motor-independent structure, it can be Installed directly on the motor or an option to be installed on walls.

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### TECHNICAL SPECIFICATION

Available power: 0.75~75kW  
Input power: 3x380/440V  
Output power: 3x380/440V  
(3x220/240V is available upon request.)  
Main frequency: 50/60Hz  
Maximum frequency: 60Hz  
IP Class: IP20  
Class: C2  
Maximum distance of pressure transmitter  
from drive: 10 meters

### PROTECTIONS

Dry running  
Low water level detection  
Minimum flow stop  
Over/under voltage Inverter  
Pressure setting  
Sensor failure  
Pump overload

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### FEATURES

LCD display  
Max. up to 6 parallel operation  
Energy savings up to 70%  
Differential pressure/temperature function  
Half pump system  
Jockey system  
Constant discharge pressure control  
Automatic recovery after power failure  
Easy retrofitting on existing pump system  
Mounted within a panel  
Back-light indication to indicate pump status

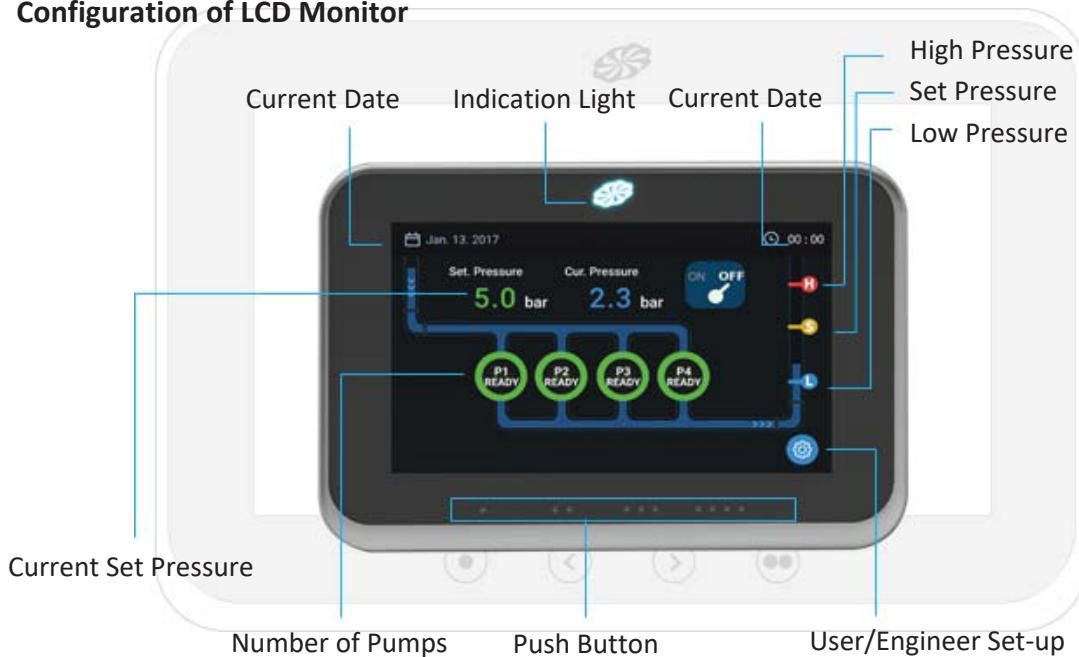


**EIJ-M70T**

**EIJ-M70T**

M70T provides an enhanced and comfortable user interface with 7" color LCD Touch screen. It displays several status of the Booster system, Alarm report, operating data and supports operation scheduling, data storage, etc.. With a internet modern port within the M70T, our EURO-JTECH Phone/Web Application can be utilized to monitor your pump system anytime, anywhere.

**Configuration of LCD Monitor**



**FEATURES**

- LCD Panel - Displays various information through large LCD
- Language - Korean / English / Chinese
- Schedule Operation - timely/weekly/monthly
- Operation History - Records and display the operation history
- Alarm - Records and displays the alarm history
- External contact - Monitoring the drive from external place is available
- RS-485 - Supports RS-485 comm.
- Internet application available: IOS/ANDROID





## EIJ-1000 Series

### EIJ-1000 Series

EIJ-1000 series is a pump specific controller that manages the pump performance to match a wide range of the system conditions and requirement for energy saving. The controller can be applied for pressure boosting system, water treatment and HVAC system etc.

### Functions

Model: EIJ-1000/ EIJ-1004  
Automatic alternation (cycle-based or time based)  
Alarm log  
Schedule operation  
Serial communication (BMS: RS-485/RS-232)  
Internet Monitoring (TCP/IP)  
Main Frequency: 50/60 Hz

### Operation Method

EIJ-1000: 1 VFD + 4 DOLs  
EIJ-1004: 4 VFDs + 1 DOL

### FEATURES

Constant discharge pressure  
Differential Pressure  
Temperature(PID control)  
Max. up to 5 pumps linkage  
LED Touch screen  
Available the back-light to indicate the pump condition







*Your local distributor details:*



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