



**EURONET**

[WWW.EURONETWORLD.COM](http://WWW.EURONETWORLD.COM)



# EURONET

## SOLAR PUMP INVERTER

FOR WATER SUPPLY & IRRIGATION



# ABOUT US

## Capabilities

EURONET is committed to promoting the long-term sustainable development of the company's scientific and technological power and innovation culture, open cooperation with domestic and foreign academia, deep industry for more than 20 years to continue to explore new technologies and new structures, integrate the advantages of talent and resources, and encourage invention and technological innovation.

## Product Application

In line with the national "energy saving, water saving, environmental protection" new technology products requirements. Our products can be used for pressurized water supply in high-rise houses, villas, schools, hotels, landscaping, and as for global agricultural water-saving irrigation, etc. At present, the company has set up more than 300 distribution agents in more than 30 provinces and cities in China, and the products are exported to more than 70 countries and regions overseas.

## Social Responsibility

In the process of steady development, EURONET does not forget to fulfill its social responsibility and speaks of credibility and business ethics for the benefit of mankind. Over the years, we have been actively supporting street and district charity activities, donating to poverty alleviation projects every year and launching employees to participate in blood donation activities. In the fight against the new crown epidemic, EURONET has responded to the call to actively participate in the donation of epidemic prevention materials and be a front-line volunteer nucleic acid testing work, contributing to the public welfare of the district and the streets.

## Solar Photovoltaic Pump Inverter



### OUTPUT 3PH 220V AC

Specification	Value
Rated Input AC Voltage	220V AC
Maximum Input DC Voltage	450V DC
Recommended Input DC Voltage Range	220V-370V DC
Recommended Input Working Voltage	305V DC
The Number of Input Port	1
Rated Output Voltage	3PH 220V AC

### OUTPUT 3PH 380V AC

Specification	Value
Rated Input AC Voltage	380V AC
Maximum Input DC Voltage	900V DC
Recommended Input DC Voltage Range	420V-720V DC
Recommended Input Working Voltage	540V DC
The Number of Input Port	1
Rated Output Voltage	3PH 380V AC



**Intelligent Auto-sleep**  
Protection of under-voltage and over-voltage



**High-Precision**  
MPPT accuracy up to 99%  
Higher utilization of solar energy



**Accepted DC&AC**  
Input at the same time



**Convenient**  
Easy transportation  
simple installation,  
run automatically

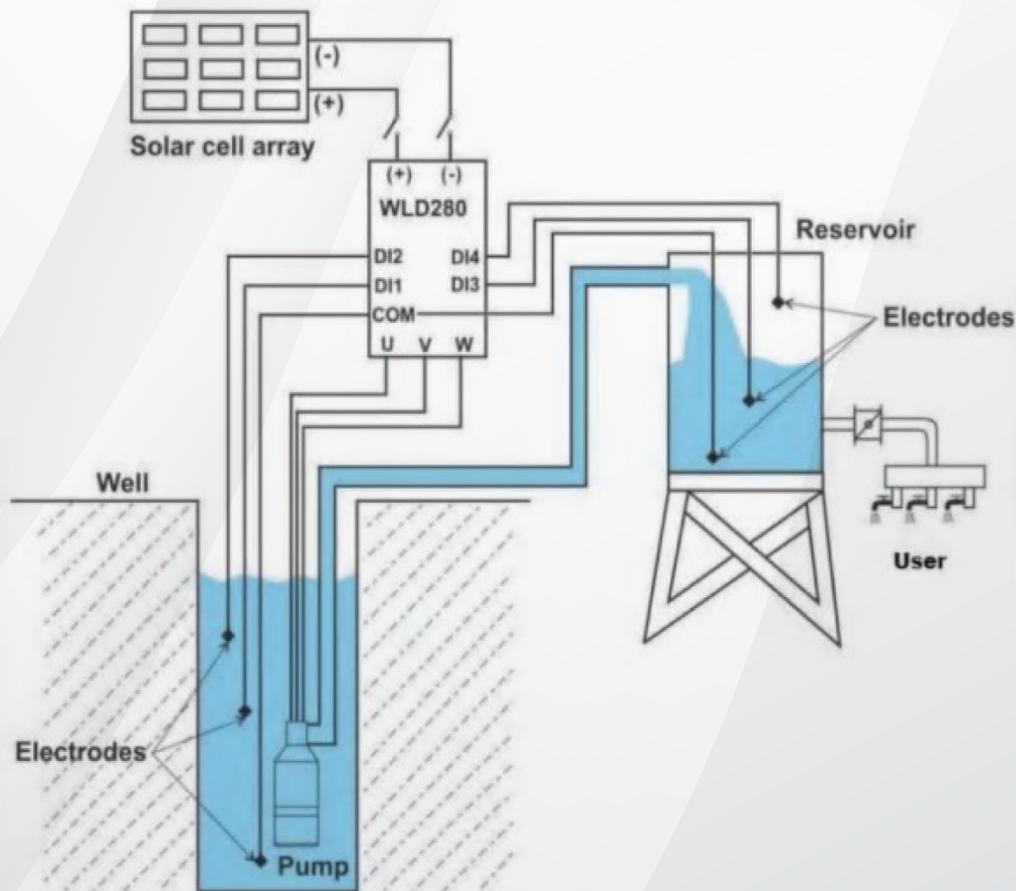


**Powerful**  
Supply water to remote  
areas where electricity  
is lacking or unreliable



**Cost savings**  
All power from solar  
no need pay  
electric charge

## Photovoltaic Water Supply System



## External Dimension



220V: 0.75kW–22kW Dimension  
380V: 0.75kW–37kW Dimension

220V: 30kW–55kW Dimension  
380V: 45kW–200kW Dimension

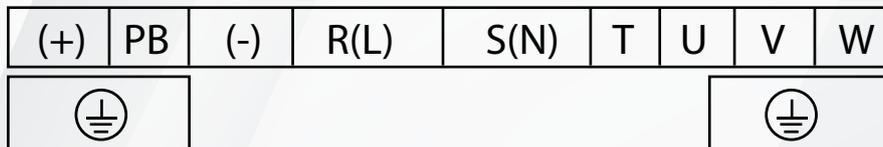
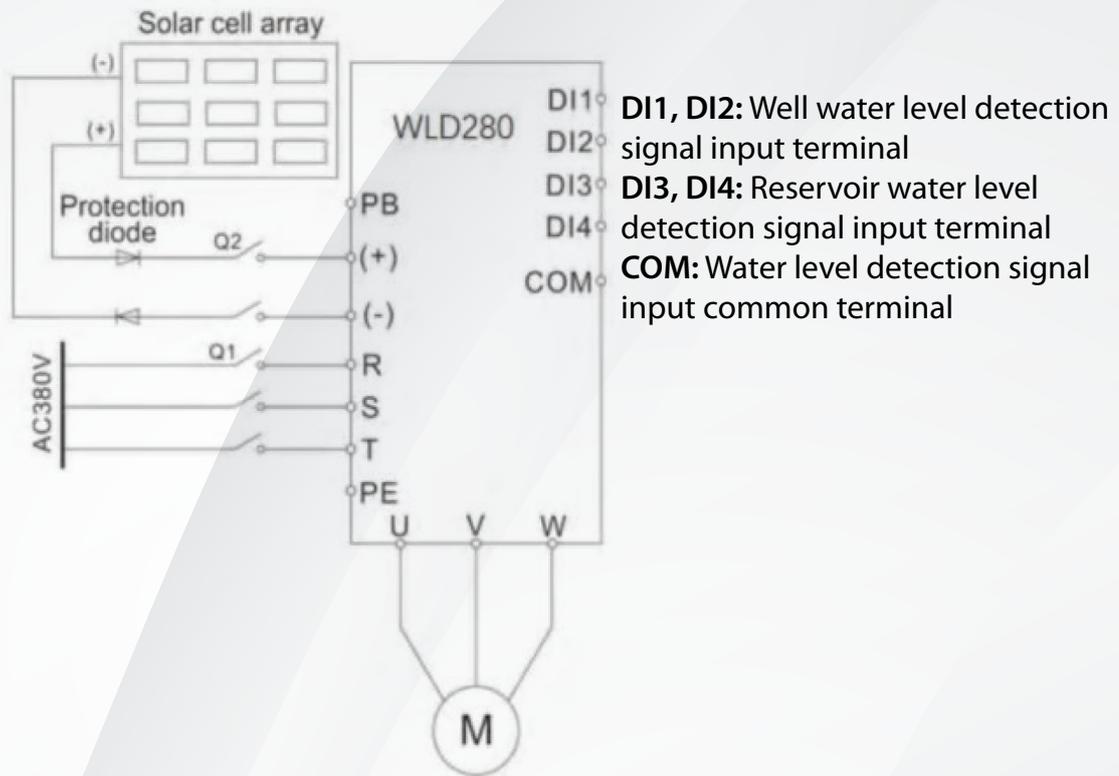
Power (kW)	Installation Dimension		External Dimension			Installation Hole (mm)
	A (mm)	B (mm)	H (mm)	W (mm)	D (mm)	
220V: 0.75~2.2	114	174	186	126	163.8	5
380V: 0.75~2.2	114	174	186	126	163.8	5
110V: 1.5	114	174	186	126	185	5
220V: 3.7	114	174	186	126	185	5
380V: 4.0~5.5	114	174	186	126	185	5
110V: 2.2	114	174	186	126	185	5
220V: 5.5	129	242	258	145	176.5	5.5
380V: 7.5	129	242	258	145	176.5	5.5
220V: 7.5	146	301	313	161	210	6
380V: 11.0~15.0	146	301	313	161	210	6
220V: 11.0~15.0	185	330	342	200	200.5	6
380V: 18.5~22.0	185	330	342	200	200.5	6
220V: 18.5~22.0	233	381	400	251	213	6
380V: 30.0~37.0	233	381	400	251	213	6
220V: 30.0~55.0	199	534	554	336	327.5	9
380V: 45.0~110.0	199	534	554	336	327.5	9
380V: 132~200	360	848	870	503	362	11

## Model Specification (IP20)

Model No.	Rated Input Voltage (V)	Rated Output Power (kW)	Rated Input Current (A)	Rated Output Current (A)	Motor Power (kW)
EU-PUMP IN 0.75KW	DC 220V~370V or AC 1PH 220V±15%	0.75	7.1	4.5	0.75
EU-PUMP IN 1.5KW		1.5	11.1	7.0	1.5
EU-PUMP IN 2.2KW		2.2	15.8	10.0	2.2
EU-PUMP IN 5.5KW	DC 420V~720V or AC 3PH 380V±15%	5.5	19.5	14.0	5.5
EU-PUMP IN 7.5KW		7.5	25.0	18.5	7.5
EU-PUMP IN 11KW		11.0	32.0	25.0	11.0
EU-PUMP IN 15KW		15.0	40.0	32.0	15.0
EU-PUMP IN 18.5KW		18.5	47.0	38.0	18.5
EU-PUMP IN 22KW		22.0	51.0	45.0	22.0
EU-PUMP IN 30KW		30.0	70.0	60.0	30.0
EU-PUMP IN 37KW		37.0	80.0	75.0	37.0
EU-PUMP IN 45KW		45.0	98.0	92.0	45.0

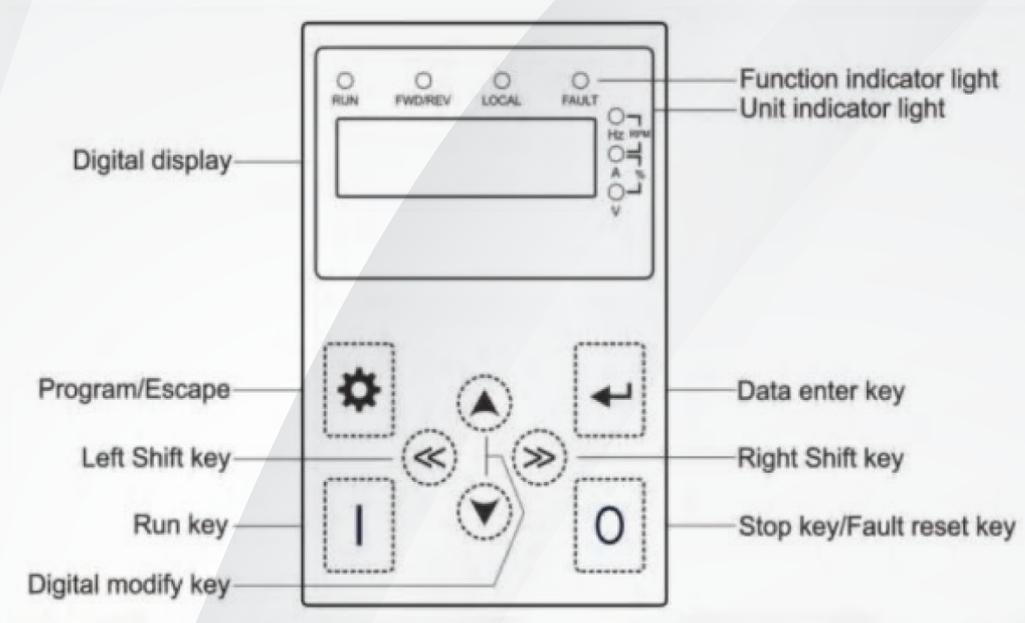
# EU-PUMP IN

## Main Circuit Terminal Warning



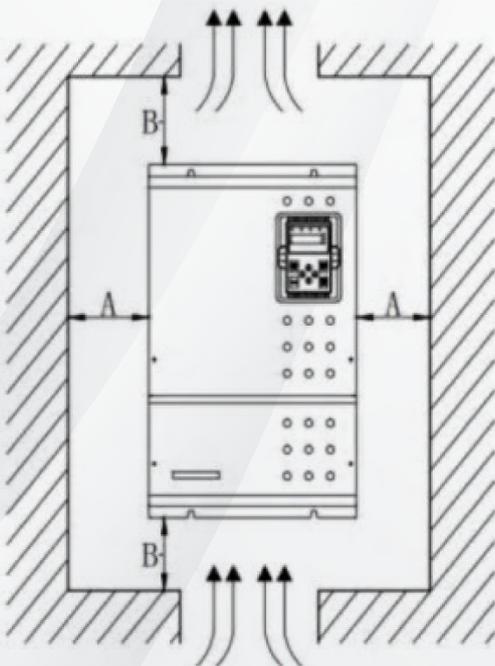
Symbol	Function Description
R, S, T	Terminals of 3 phase AC input
(+), (-)	Reserved external terminals for braking units
(+), PB	Reserved external terminals for braking resistance
(-)	Output terminals for minus DC bus voltage
U, V, W	Motor wiring terminal
⏚	Terminals of ground
DI1, DI2	Input terminals of Water-level detection signal for the wells
DI3, DI4	Input terminals of Water-level detection signal for the reservoir
COM	Input common terminal of water-level detection signal

## Keypad Description



## Installation Space

**Hot wind**



**Cold wind**

**Installed vertically upward**

Model (KW)	Dimension	
380V: 0.75kW~15kW	A=50mm	B=100mm
220V: 0.75kW~7.5kW		
380V: 18.5kW~22kW	A=50mm	B=200mm
220V: 11kW~15kW		
380V: 22kW~37kW	A=50mm	B=200mm
220V: 15kW~22kW		
380V: 37kW~200kW	A=50mm	B=300mm
220V: 22kW~55kW		

## Solar Photovoltaic Pump Controller (1 PH Output)



- Euronet Pump Inverter is suitable for solar solar photovoltaic pump system, aimed at environmental and economy market, to replace battery with retain water and without any battery components.
- Photovoltaic Pump Controller receives the DC which produced by Solar Modules and then transform into AC to drive all kinds of pump directly.

## Input & Output Voltage and Power Range

Input: 220V-370VDC/AC 1 PH 220V 50/60Hz

Output: AC 1PH 0~220V: 0.37~2.2kW

Model No.	DC Input Voltage Range	Output Current(A)	Motor Power (kW)
			1PH
EU-PUMP IN 1.5KW	DC: 220-370V 7.0	7.0	0.75
EU-PUMP IN 2.2KW	AC: 1PH 220V±15%	10.0	1.5

## EU-PUMP INVERTER

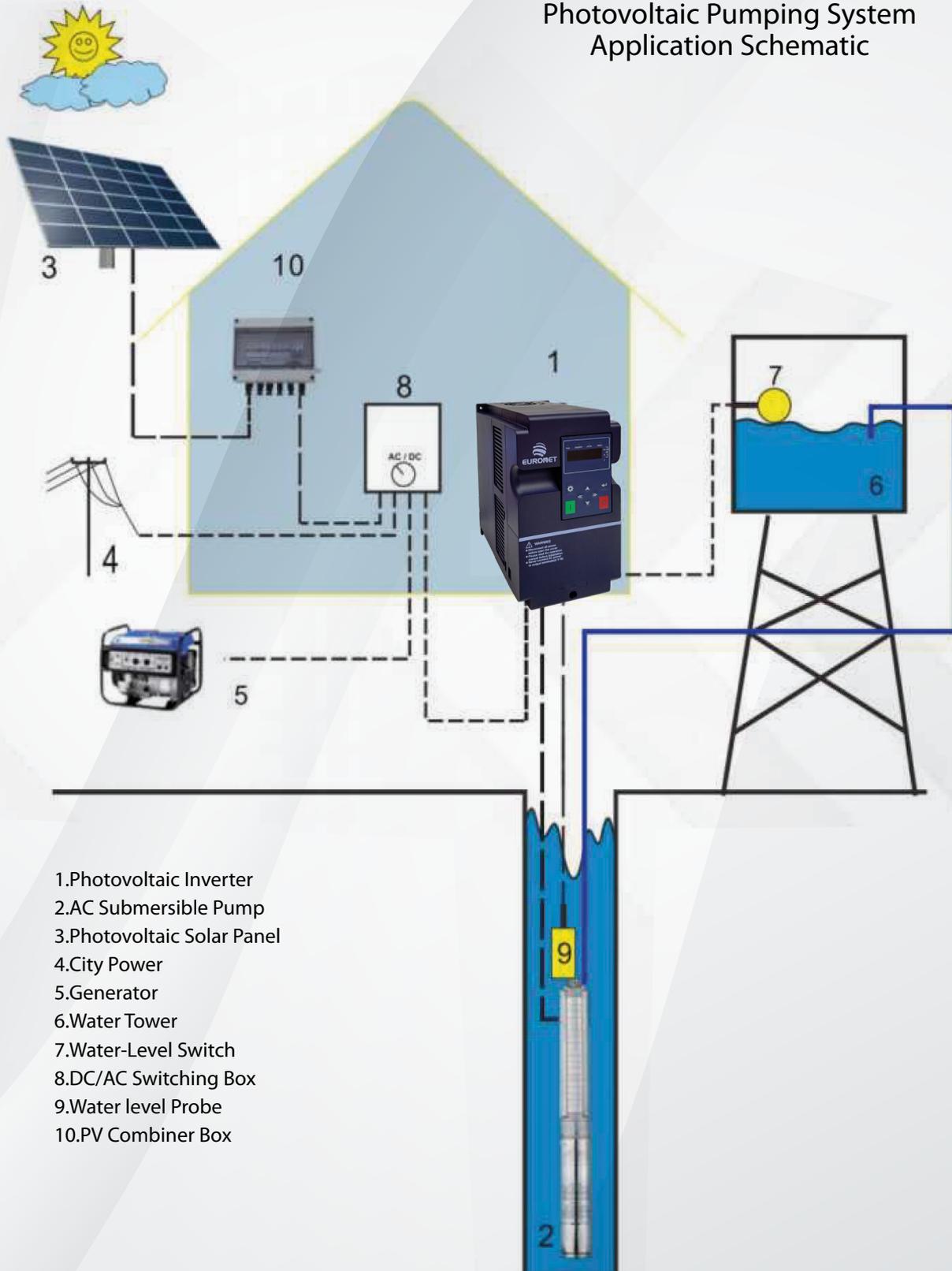
Deep-well Pump		Model	
Voltage (VAC)	Power (kW)	Mode (220V)	Power (kW)
220	0.75	EU-PUMP IN 1.5KW	1.5
220	1.5	EU-PUMP IN 2.2KW	2.2
220	2.2	EU-PUMP IN 3.7KW	3.7
220	3.7	EU-PUMP IN 5.5KW	5.5
220	5.5	EU-PUMP IN 7.5KW	7.5
220	7.5	EU-PUMP IN 11KW	11
220	11	EU-PUMP IN 15KW	15
220	15	EU-PUMP IN 18.5KW	18.5
220	18.5	EU-PUMP IN 22KW	22
220	22	EU-PUMP IN 30KW	30
220	30	EU-PUMP IN 37KW	37
220	37	EU-PUMP IN 45KW	45
220	45	EU-PUMP IN 55KW	55

- Solar panel Power:550W Voltage:41.95VDC
- 220V Solar photovoltaic pump inverter input voltage range: 220~370VDC, recommend input voltage:305VDC,  $305VDC \div 41.95 \approx 8$  PCS/group
- Theoretical power of photovoltaic panels is about 1.2~1.5 times the motor power. The specific range of use can be adjusted based on the city's lighting intensity and the type of solar panel selected. This table is for reference only



## Photovoltaic Pumping System

### Photovoltaic Pumping System Application Schematic



1. Photovoltaic Inverter
2. AC Submersible Pump
3. Photovoltaic Solar Panel
4. City Power
5. Generator
6. Water Tower
7. Water-Level Switch
8. DC/AC Switching Box
9. Water level Probe
10. PV Combiner Box

Deep Well



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