



Solar Submersible Pump Controller

Solar DC Pump Controller

Solar AC Pump Controller

PROFILE

We, "Kaizen Electricals" would like to take this opportunity to introduce ourselves as one of the leading manufacturer & Exporters of SUBMERSIBLE PUMP CONTROL PANEL products since 1998 (24 years); certified by ISO 9001-2015. Ours' is a Sole Proprietorship organization and Our Registered office is situated at "Kaizen House", 181 – 183, Ashirwad Estate, Opp. Fruit Market, Naroda Road, Ahmedabad – 380 025, Gujarat State.

We have a wide range of Electrical / Electronic Control Panel Boards & Products for Domestic, Industrial and Agriculture Sector. We can supply 0.5kW to 324kW in Three Phase and 0.5kW to 11kW in Single Phase Control Panel. We can provide as per customer specification and design & IP Protection (i.e. IP 42 / IP43 / IP51 / IP53 / IP54 / IP55 / IP65 / IP66) Our products include; Solar Pump Control Panel / AC Solar Pump Controller / DC Solar Pump Controller / Electronic Control Panel Products / Semi Electronic Control Panel Products & Electrical Panels and Boards.

The perfect blend of technological skills and managerial talents help us to grow day by day. we have been able to establish ourselves as a distinguished Manufacturer and Supplier of an incredible range of Electrical Panels and Solar Control Panel Products. Our broad gamut encompasses Control Panel Boards / Solar Pump Control Panel / AC Solar Pump Controller / DC Solar Pump Controller/ Pump Control Panel Boards and Distribution Boards. These products are manufactured by using high quality material at par with the latest technological developments in the market. Our range is highly appreciated for its longer functional life, low maintenance, energy efficiency, technical effectiveness, reliability and smooth operations.

We have the complete in house facility for testing all related equipments for conducting Electricals test, ICL & the Company has audited the quality control system. Our products have also testing at CPRL, ERDA & EQDC.

Our products i.e. Solar Pump Control Panel / AC Solar Pump Controller / DC Solar Pump Controller/ Fully Automatic Electronic Control Panel / Semi Electronic Control Panel & Electrical Control Panel & Boards are approved and used in important Government Organizations like GWSSB and Other Government Sector; Export and OEM Clients etc. We are the approved register vendor in GWSSB upto 100 HP. As per customize like GSM Base / GPRS Base / RS-485 etc. we can provide the material.

"KAIZEN" focus to expand the business by providing consistent good quality as well as timely scheduled deliveries of our products ie Solar Pump Control Panel / AC Solar Pump Controller / DC Solar Pump Controller / Fully Automatic Electronic Control Panel / Semi Electronic Control Panel & Electrical Control Panel & Boards to their clients."KAIZEN" has already made a mark in the Global market and now enjoys the status of Government recognized "EXPORT HOUSE".

We have hired diligent professionals who greatly support us in all our business process. The sophisticated infrastructure established by us, help us in carrying out varied activities systematically. This facility is armed with high-tech machinery and advanced technologies that help us to develop the products in strict compliance with the set industry guidelines. Further, the quality controllers of our team stringently inspect the products on certain well-defined parameters before the final dispatch. Moreover, we customize these products on the basis of the detailed specifications by the clients.

CORPORATE VALUE

- ★ We believe that we can achieve the best Quality Products with the efforts by our team work.
- ★ We treat our valuable customers with High Respect
- ★ We always try our best possible skills, knowledge & experience to satisfy our clients.

OUR PRODUCTS

- ★ Solar Pump Control Panel
- ★ AC Solar Pump Controller
- ★ DC Solar Pump Controller
- ★ Star Delta Starter Motor Control Panel
- ★ Auto Transformer Starter (ATS) Motor Control Panel
- ★ Direct-On-Line (DOL) Motor Starter Control Panel
- ★ Fully Automatic Electronic Control Panel
- ★ Semi Electronic Control Panel
- ★ Single Phase & Three Phase Submersible Pump Control Panel (As per Customize)
- ★ Soft Starter Control Panel
- ★ Automatic Power Factor Correction Control Panel
- ★ Control Panel Board & Distribution Board
- ★ Sewage Treatment Plant Control Panel
- ★ Pumping Station Automation Control Panel
- ★ Submersible Pump Control Panel

We can Supply to 0.5 KW to 324 KW in Three Phase and 0.5 to 11KW in Single Phase as per below ;

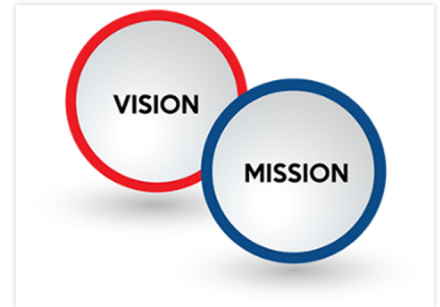
SPECIFICATION

Metal Box / Contactor / MCB/MCCB / Digital Ammeter /Digital Voltmeter /Over Load Protection /Under Load Protection / Over Voltage Protection /Under Voltage Protection /Single Phase Preventer with Current and Voltage Sensing / Switch – Auto-Manual /Power and Control wiring Copper /Out Put Terminals /Indicating Lamp: R-Y-B (22.5 sq.mm LED Type) / Push Button: On/Off (22.5 sq.mm Type). We are manufacturing up to 324 KW and we also customize our products as per customer specification and design (i.e. 24VAC 50 Hz / 60 Hz to 500 VAC 50 Hz / 60 Hz) & IP Protection (i.e. IP 42 / IP43/ IP51/ IP53/ IP54/ IP55/ IP65/ IP66).

Solar Pump Control Panel / AC Solar Pump Controller / DC Solar Pump Controller / Electrical Control Panel & Fully Automatic Electronic / Semi Electronic Control Panel Products.

MISSION & VISION ➤

“KAIZEN” Electricals Vision is to become a rapidly and profitably growing company by providing its valued customers with fast & cost-efficient products like Solar Pump Control Panel / AC Solar Pump Controller / DC Solar Pump Controller / Electrical Control Panel & Fully Automatic Electronic / Semi Electronic Control Panel Products. We are planning to store and provide data base on customer server for Solar Submersible Pump Controller.



QUALITY ASSURANCE ➤

Our firm gives foremost importance to offer quality-approved Solar Pump Control Panel / AC Solar Pump Controller / DC Solar Pump Controller / Fully Automatic Electronic / Semi Electronic Control Panel / Electrical Panels and Boards to the customers. The products we offer are manufactured using premium grade raw material, which is obtained from the trustworthy and reliable vendors of the market. Moreover, our products are manufactured by strictly adhering to international quality standards. Further, we have appointed experienced and qualified quality controllers who thoroughly inspect our products to rule out every possibility of defect. These professionals test the quality of the products on the basis of the parameters mentioned below:



- ★ Functional life
- ★ Energy efficiency
- ★ Technical faults
- ★ Construction
- ★ Installation of quality electronic parts

VALUE ➤

We believe that we can achieve the best quality products with the efforts of our Teamwork with mutual trust and empathy.

SOLAR SUBMERSIBLE PUMP CONTROLLER

Our Solar Pump Controller is a high-efficiency solar water pump controller which can make full use of solar energy. The MPPT system works at its best and providing the most energy efficient operation of the pump and rich protection functions ensure the smooth and safe operation. In short, it gives an excellent sense of balance of easy operation, installation, advanced pump control capacity.



PRODUCT TECHNICAL SPECIFICATIONS & PARAMETERS

AC Input	
Input voltage (Vac)	380V (-15%) ~ 440(+10%)
Input frequency (Hz)	47~63

AC Output	
Output voltage (Vac)	0 – input voltage
Output frequency (Hz)	0-400

DC Input	
Start voltage (V)	300
Max DC voltage (V)	800
Min work voltage (V)	250
Recommended MPPT Voltage (V)	300-750
Recommended input work Voltage (V)	550

Others	
Protective degree	IP 42 / IP43/ IP51/ IP53/ IP54/ IP55/ IP65/ IP66
Cooling method	Forced air cooling
Interface	LED Keypad

Overload capability	
120% of rated current	1 minute
150% of rated current	10 seconds

SOLAR SUBMERSIBLE PUMP CONTROLLER

Professional function	
Protection function	Under load or phase loss protection
MPPT function	Automatic factory setting
Auto run / stop	Sleep when the light is weak & wake up when the light is strong
Water level monitor	Sleep when the water is full and wake up when the water level is low

HP	Kw	Rated Input current (A)	Rated output current (A)	Max. DC input current (A)
3.0	2.2	5.8	5.5	12
5.0	4.0	13.5	9.5	16.5
7.5	5.5	19.5	14	23.9
10	7.5	25	18.5	30.6
15	11	32	25	39.2
22	15	40	32	49
25	18.5	47	38	50
30	22	51	45	60
40	30	70	60	81
50	37	80	75	90
60	45	98	92	130

APPLICATIONS

- ★ Flood irrigation of small fields
- ★ Drip irrigation for farms
- ★ Cattle watering
- ★ Water supply for small villages, schools, hospitals and homes

CONTACT US ►

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