

OPERATE PUMP SET WITH
MOTCON V2 PUMP CONTROLLER
**FROM ANY WHERE,
ANY TIME...**



**GSM
BASED**

MOTCON V2 MOBILE PHONE OPERATED PUMP CONTROLLER



- ▶ GSM based pumpset controller is the new generation technology to monitor and control the water pumping through mobile phone.
- ▶ It helps to control and monitor your pumpset through a phone click from anywhere in the world.
- ▶ GSM based pumpset controller system works on normal SMS/CALL service.
- ▶ Only authorised person can operate this system (we can set up to 4 mobile numbers as authorised numbers).
- ▶ We can query the status of the pumpset through SMS.
- ▶ Motcon V2 uses intelligent Microcontroller unit and use 2G Quad Band GSM/GPRS module with 850 Mhz - 1900Mhz frequency.
- ▶ The pump set will be switched OFF if the system detects any low voltage, high voltage and dry run situations. And inform authorised person through SMS.
- ▶ The pump set does not turn ON at high/low voltage. And it has built in auto power resume function.
- ▶ The auto pump set OFF timer can be set through SMS, thus the system can switch OFF the pump set when timer expires.
- ▶ The system uses a 16x2 LCD character display as the graphical user interface.
- ▶ The display indicates the Signal range, live AC voltage, pump status..
- ▶ The system has built-in protection against surges and voltage spikes.
- ▶ Aesthetically designed for safe and easy installation and maintenance.



MOTCON V2

MOBILE PHONE OPERATED PUMP CONTROLLER

OPERATE WATER PUMP SET
FROM **ANY WHERE,**
ANY TIME...



RECEIVER DATA SHEET

Mode of operation	SIM Card interface (Nano SIM)
Frequency	2G Quad Band 850 Mhz - 1900Mhz
Control characteristics	Mobile phone operated
Control method	Manual/ Call
Rated output power	0.37.KW - 1.86KW (0.5HP-2.5HP)
Rated input power	AC 230V/50Hz Single phase
Trip voltage of High voltage	260V
Trip voltage of Low voltage	Default 170V (changeable via SMS)
Trip response High/Low voltage	<10 sec
Trip response time of Dry run	Default 20 Sec. (changeable via SMS)
Max auto OFF timer duration	Default 3 Hrs (changeable via SMS)
Authorised mobile numbers	4 mobile numbers
Output Load	All single phase & 3phase panels
Protection functions	Dry run
	High Voltage
	Low Voltage
	Transient surge
Unit dimention	155x140x56 mm
Weight	1500 gms

