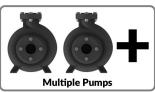# ARMOUR

The ARMOUR Model E–Premium is a robust, contactor-based control panel for up to 3 Single Phase pumps, equipped with the advanced ARMOUR Pump Logic Controller that automates, operates, and protects the pumps. It also features indication lamps, MCBs, overload relays, and a standard enclosure and helps save water and electricity by preventing dry running, overflow, and unnecessary operation.

Single Pump

Two Pumps

Multiple Pumps

Pump Logic Controller

LED Display with Buttons

Motor Contactors

MCBs

Auto / Manual

Level Based

Pressure Based

Modbus (Optional)

Applications:

Residential

Commercial

Industrial

WATER SAVING

ENERGY SAVING

Configuration	1W / 1W+1S / 2W+1S Pumps	Features
Operating Voltage	230V / 1PH / 50Hz	Automatic pump operation based on water level
Power rating	Up to 3HP	Manual operation based on user input
Current rating	Up to 30 Amps	Pump ON / OFF Timer
Dimensions	450 x 350 x 220 MM *onwards*	Display of Live Voltage & Current on all 3 Phases
Weight	< 15 KGs	Display of pump running status
Max. Voltage Range	250VAC / 1PH / 50Hz	Display of Voltage & Current Faults
Max Current Range	40 Amps	Display of total pump run time
Modbus Connectivity	Optional	Display of water level in Underground & Overhead Tank
Components		**Pump & Motor Protections**
MS Enclosure	Standard Siemens Grey	Overload protection
Electronic controller with Power Relays	🟢	Dry run protection
LED Display with Buttons & Indication LEDs	🟢	Over voltage protection
Transformer	🟢	Under voltage protection
Terminal Blocks, Accessories, Wiring	🟢	Phase loss protection
LED Indication Lamps (Start/Trip)	🟢	Phase imbalance protection
Selector Switches (Auto/Bypass)	🟢	Phase reversal protection
Selector Switches (Pump 1 / Off / Pump 2)	🟢	Level based pump cutoff in Manual mode
Main Incomer MCB	🟢	
Type of Pumps Supported		
Monoblock Pump	🟢	
Openwell Submersible Pump	🟢	
Borewell Submersible Pump	🟢	