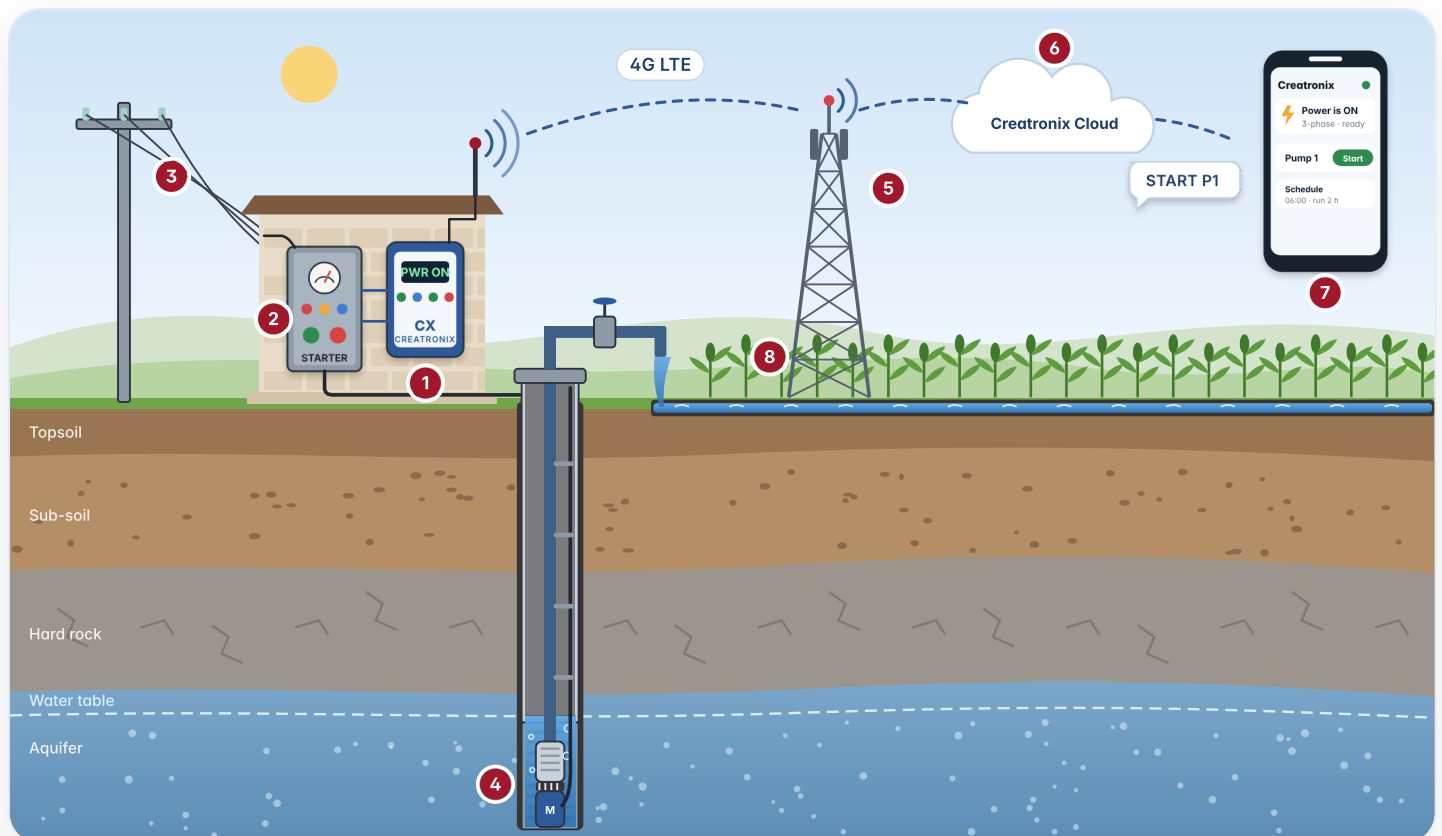


**Product 01 · Smart Irrigation**

Irrigation Pump Controller

Know the moment power arrives. Start your pump from anywhere.

Farms in India rarely get 24/7 three-phase power. The Creatronix Pump Controller watches the supply for you, tells you the moment power returns, and lets you start, stop and schedule your borewell pump by SMS or the mobile app. Built-in 4G means it works wherever you are.



- 1 Pump controller**
4G unit beside the starter
- 2 Existing starter**
Controller works alongside it
- 3 3-phase grid**
Intermittent rural supply, sensed continuously
- 4 Submersible pump**
Down the borewell, fully protected
- 5 4G network**
Any mobile coverage
- 6 Creatronix cloud**
Status, history, schedules
- 7 Farmer's phone**
SMS or mobile app
- 8 Open field**
Flood irrigation by the hour

**Power-return alerts**

Senses 3-phase supply and notifies you instantly.

**Start by SMS**

Reply to the alert and irrigation begins. No smartphone needed.

**App + hourly schedules**

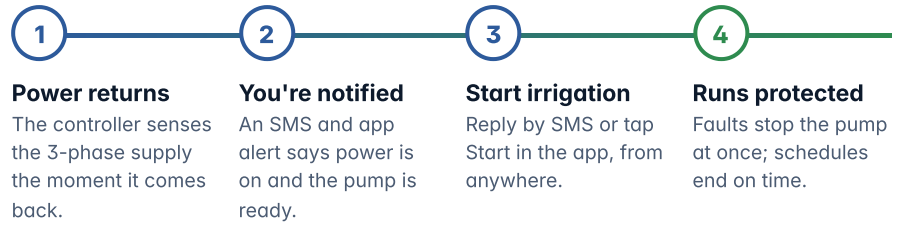
Plan flood irrigation by the hour for open fields.

**Built-in 4G**

Control from anywhere with mobile coverage.

**WHY IT MATTERS****Built for how power really reaches farms**

Three-phase power on Indian farmland arrives in unpredictable windows, often at night. Farmers walk to the borewell to check, wait, and walk back to switch off. Missed windows mean missed irrigation; dry runs and phase faults mean burnt motors.

HOW IT WORKS**PROTECTION BUILT IN****Your motor is the most expensive part. We guard it.**

 Dry-run protection Stops the motor when the borewell runs dry or the pump loses water, before the winding overheats.	 Rotor-stuck (locked rotor) Detects a jammed rotor at start-up and cuts supply instead of letting the motor burn out.	 Wire-cut & single-phasing Trips instantly on a cut cable or a missing phase, a leading cause of burnt submersible motors.
 Over / under voltage Holds the pump off while the supply is outside the safe band, and restarts only when it recovers.	 Phase imbalance Watches all three phases and protects the motor from unbalanced rural supply.	 Overload / over-current Trips on sustained over-current from choked pipes, sand or a failing bearing.

CONTROL**Three ways to control your pump**

 SMS commands Works on any phone. Simple commands to start, stop and check status, with a confirmation reply.	 Mobile app Add the controller as a device, see live status, power history and every protection trip.	 Hourly schedules For open-field flood irrigation without drip: set the hours, the pump runs only while power is available.
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AT A GLANCE**Key specifications**

Supply	3-phase agricultural pump starters
Network	4G LTE, built-in SIM slot
Control	SMS commands + Creatronix mobile app
Scheduling	Hourly-duration irrigation schedules
Alerts	Power ON / OFF, pump status, every trip
Protection	Dry run, rotor stuck, wire cut, voltage, phase, overload
Expansion	Built-in wireless for a 2nd pump or sensors (new generation)

GROWS WITH YOUR FARM**One platform, three steps**

1	Pump Controller One pump, 4G, SMS + app	THIS PRODUCT
2	Multi-Pump Add a second pump on the same SIM	
3	With Sensors Becomes your farm IoT gateway	