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# M-POWER RANGE

### Discover the Versatility of M-POWER Range

M-POWER is a versatile module designed for mobile starters, offering a range of functionalities for remote sensing, communication, and device control. Let's explore its key uses and applications:

- › Enhanced Control and Monitoring Capabilities
- › Enables remote sensing and communication for efficient device control.
- › Reduces the need for manual intervention, enhancing operational efficiency.
- › Facilitates real-time monitoring and control of multiple pumps through a mobile app.

### Applications in Diverse Areas

- › Smart solutions for agriculture.
- › Provides remote alarm control and aids in detecting circuit faults.
- › Ensures the maintenance of street lighting in residential and industrial areas.
- › Improves safety in railway lifts.

### M-POWER Pro

- › For remote operation by Android app or SMS or IVRS
- › Support multi languages
- › Configurable timer
- › Multiple users
- › Dry run protection
- › Voltage based protections
- › Auto/Manual/Bypass mode



### M-POWER+ & M-POWER++

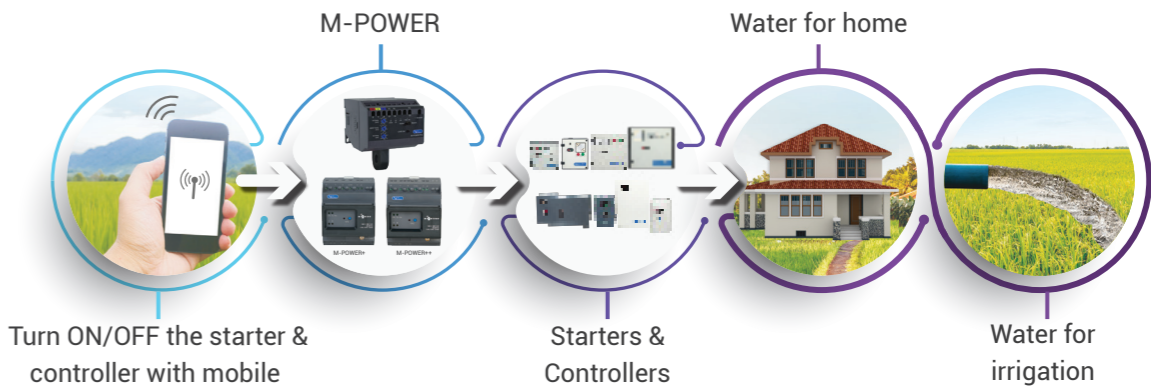
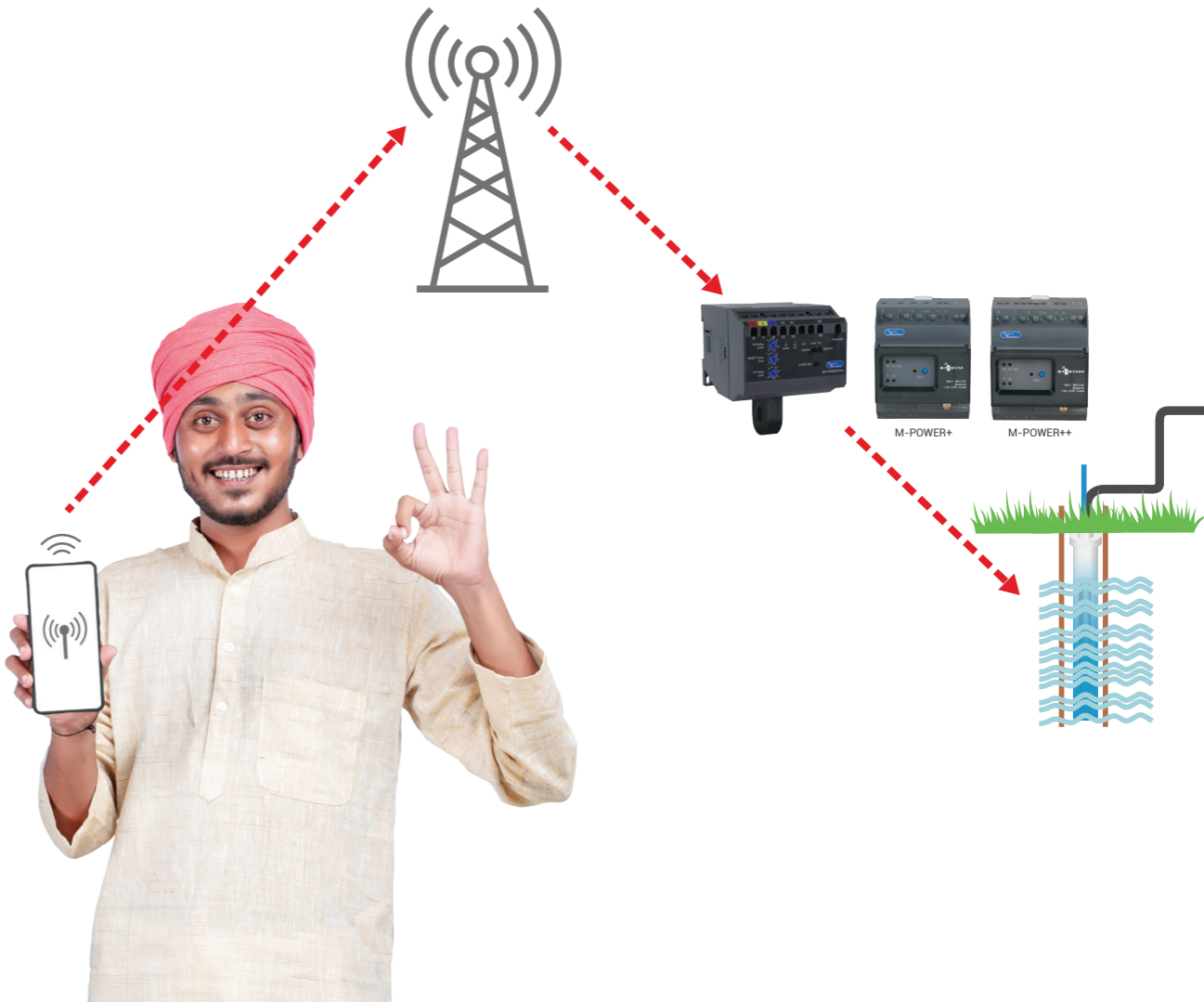
- › For remote operation by SMS or IVRS
- › Supports multi language
- › Configurable timer
- › Multiple users
- › Compatibility with LTE 4G/VoLTE networks



M-POWER+



M-POWER++



# M-POWER Pro

IVRS+SMS+Android App

### Input Voltage Range

250V-460V AC

### Protections Offered

- 1. Single Phasing
- 2. Voltage Unbalance
- 3. Phase Reversal
- 4. Over Voltage
- 5. Under Voltage
- 6. Dry Run Fault

### Configurable Timers through Front Panel

- 1. POWER ON Delay Timer
- 2. Star to Delta Timer
- 3. DRP Reset Timer



### Operational Mode

- 1. Auto Mode
- 2. Manual Mode
- 3. Bypass Mode

### Dry Run Protection

40% - 90% FLC

### Additional Timer

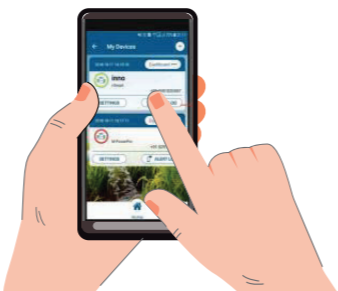
- 1. Pump ON Timer with and without timer compensation
- 2. Daily Timer with 4 time slots per day

## M-POWER Pro BENEFITS

- › **Ease of operation:** Ease and convenience in operating pump from anywhere, anytime through SMS, IVRS and SMARTCOMM Agri Connect App
- › **Selective protection:** One can enable or disable each protection as per his/her convenience. One can also change the voltage and current settings as per requirement.
- › **Ease in monitoring:** One can easily check important parameters such as pump status (ON/OFF), metering etc. at the comfort of one's home through SMARTCOMM Agri Connect App.
- › **Convenience in usage:** The same device can be used with 3 phase DOL & Star – Delta starter, hence no additional device is needed.
- › **Dry run & auto reset:** Prevents dry run fault and protects the motor.
- › **Multiple users:** Five users (1 Master & up to 4 Users) can control the starter/controller through their mobile phone.
- › **Timely operations:** Four different 'time of day' can be set in a day for pump operation. It controls daily operations of a pump for pre-defined periods. There is pump ON timer with and without timer compensation
- › **Multiple pump control:** Multiple pumps can be operated by single SMARTCOMM Agri Connect App. User can create separate folder for each pump such as Pump-1, Pump-2 etc. in SMARTCOMM Agri Connect App.



Explore the SMARTCOMM Agri Connect App.



# M-POWER+ / M-POWER++

IVRS+SMS

### Input Voltage Range

180V to 500V AC

### Configurable Timers

- 1. Pump ON Timer
- 2. Retentive Timer (with timer compensation)
- 3. Daily Timer with 4 time slots per day
- 4. Hour Meter - User can check total pump operating hours



M-POWER+

M-POWER++

### Operational Mode

- 1. Auto Mode
- 2. Manual Mode

### Compatibility with 4G SIM

## M-POWER+ & M-POWER++ BENEFITS

- › **Ease of Operation:** No need to visit your farm for motor operation. GSM based module for operation of starters and controllers from anywhere using mobile phone.
- › **Multiple Users:** Three users (1 Master & up to 2 Users) can control the starter/controller through their mobile phone.
- › **Timely Operations:** Four different 'time of day' can be set in a day for pump operation.
- › **Daily Operations:** It controls daily operations of a pump for pre-defined periods..
- › **Convenience in Usage:** Suitable for Single Phase and Three Phase installations.
- › **Connectivity:** M-POWER++ can be use with a 4G SIM
- › **ON Delay Timer:** Protection from water hammering



M-POWER Pro



Explore SMARTCOMM Agri Connect App

M-POWER Pro [HSN Code 8536]

Zone	IVRS Languages	Product	Cat. No.			Std. Pkg. (Nos.)
			Coil Voltage 360V	Coil Voltage 380V	Coil Voltage 415V	
North & West	English, Hindi, Marathi, Gujarati, Panjabi	M-POWER Pro	CS91313M000	CS91313L000	CS913130000	1
South	English, Hindi, Kannada, Telugu, Tamil		CS91313MOSO	CS91313LOSO	CS9131300SO	1
East	English, Hindi, Odia, Assamese, Bengali		CS91313MOEO	CS91313LOEO	CS9131300EO	1

M-POWER++ [HSN Code 8538]

Zone	IVRS Languages	Product	Cat. No.	Std. Pkg. (Nos.)
North & West	English, Hindi, Marathi, Punjabi, Gujarati	M-POWER++ Module for Mobile Starter - 1P/3P 3 Wire	CS9214500NO	1
South	English, Hindi, Kannada, Telugu, Tamil		CS9214500SO	1
East	English, Hindi, Bengali Odia, Assamese		CS9214500EO	1

M-POWER + & M-POWER ++

M-POWER+



Description	IVRS Languages	Suitable Region	Cat. No.	Std. Pkg. (Nos.)
M-POWER+Module for Mobile Starter - 1P/3P 3 Wire	English, Hindi, Marathi, Gujarati, Panjabi	North & West	GSM030100NO	1
	English, Hindi, Kannada,Telugu, Tamil	South	GSM030100SO	1
	English, Hindi, Odisa, Assamese, Bengali	East	GSM030100EO	1

M-POWER++



Description	IVRS Languages	Suitable Region	Cat. No.	Std.Pkg. (Nos.)
M-POWER++ Module for Mobile Starter - 1P/3P 3 Wire	English, Hindi, Marathi, Punjabi, Gujarati	North & West	CS9214500NO	1
	English, Hindi, Kannada, Telugu, Tamil	South	CS9214500SO	1
	English, Hindi, Bengali, Odiya, Assamese	East	CS9214500EO	1

M-POWER+ & M-POWER++ Accessories



Description	Cat. No.	Std. Pkg. (Nos.)
Wire Type Antenna [8538]	GSM0301A000	1
Controller-side Wire Harness [8544]	GSM0301C000	1
Module-side Wire Harness [8544]	GSM0301G000	1

