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
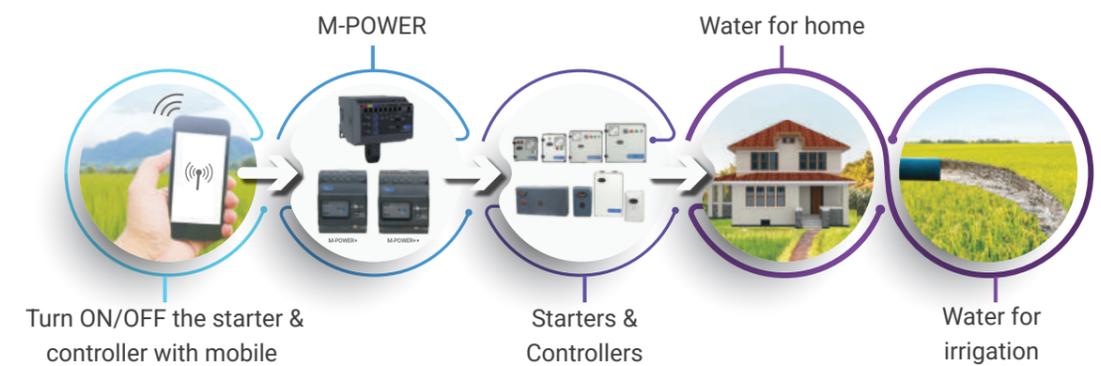› Voltage based protections
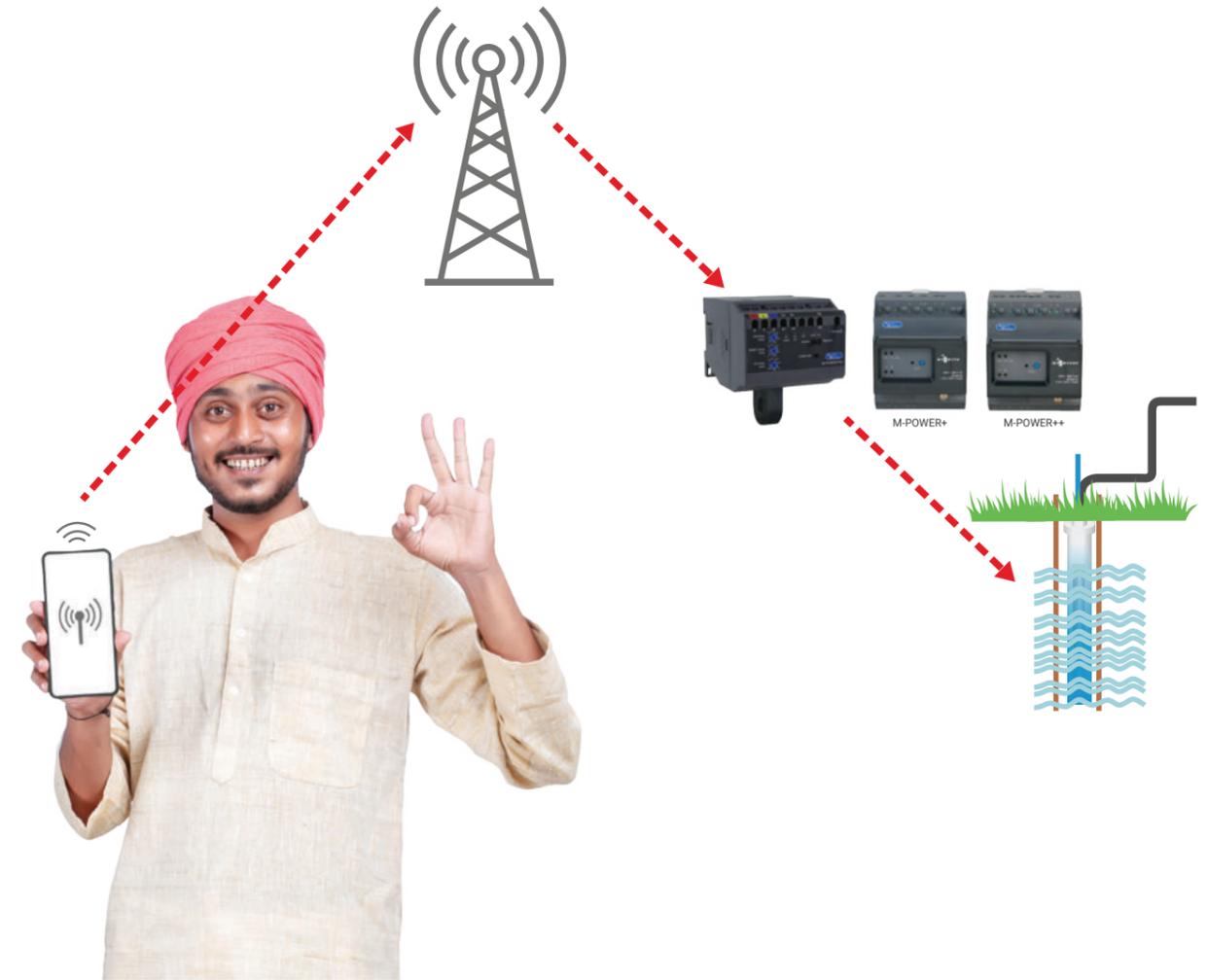› Auto/Manual/Bypass mode

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+   M-POWER++

M-POWER   Water for home

Turn ON/OFF the starter & controller with mobile

Starters & Controllers

Water for irrigation

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

3 Configurable Timers through Front Panel

1. Power ON Delay Timer (30-300 sec)
2. Star-Delta Timer (2-30 sec)
3. DRP Reset Timer (30-300 min)

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 ON-OFF 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.

› **Dry Run & Auto Reset:** Prevents dry run fault and protects the pump.

› **Multiple Users:** Five users (1 Master & up to 4 Users) can control and monitor 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.

› **Multi Languages:** Available in Hindi, Gujarati, Marathi, Tamil, Telugu, Kannada, Malayalam, Bengali, Odiya, Punjabi and English

Explore the SMARTCOMM
Agri Connect App.

M-POWER+ /
M-POWER++

IVRS+SMS

Compatibility with 4G VoLTE SIM

Input Voltage Range

180V-500V AC

Operational Mode

1. Auto Mode
2. Manual Mode

M-POWER+   M-POWER++

Configurable Timers

1. Pump ON Timer
2. Retentive Timer (with timer compensation)
3. Daily ON-OFF timer with 4 time slots per day

M-POWER+ & M-POWER++ BENEFITS

› **Ease of 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	CS91313MOOO	CS91313LOOO	CS91313OOOO	1
South	English, Hindi, Kannada, Telugu, Tamil		CS91313MOSO	CS91313LOSO	CS91313OOSO	1
East	English, Hindi, Odia, Assamese, Bengali		CS91313MOEO	CS91313LOEO	CS91313OOEO	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	CS92145OONO	1
South	English, Hindi, Kannada, Telugu, Tamil		CS92145OOSO	1
East	English, Hindi, Bengali Odia, Assamese		CS92145OOEO	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	GSM0301OONO	1
	English, Hindi, Kannada,Telugu, Tamil	South	GSM0301OOSO	1
	English, Hindi, Odisa, Assamese, Bengali	East	GSM0301OOEO	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	CS921450ONO	1
	English, Hindi, Kannada, Telugu, Tamil	South	CS921450OSO	1
	English, Hindi, Bengali, Odiya, Assamese	East	CS921450OEO	1

M-POWER+ & M-POWER++ Accessories

Wire Type Antenna

Controller-side Wire Harness & Module-side Wire Harness

Description	Cat. No.	Std. Pkg. (Nos.)
Wire Type Antenna [8538]	GSM0301AOOO	1
Controller-side Wire Harness [8544]	GSM0301COOO	1
Module-side Wire Harness [8544]	GSM0301GOOO	1