

CONTROL & MANAGE PUMPSETS THROUGH YOUR SMART PHONE



MI NEO



MI FLEX



MI PRO

Controls upto **1 Pumpset**



Comes with a **Mobile & Web APP**



Control Via Missed Call (**ON | OFF**)



Power Protection



Supports upto **10 users**



Available on



M1 NEO

M1 NEO

Control Your Motor from Anytime, Anywhere



The **M1 NEO Cell Phone Motor Starter** Controller is designed for farmers who need reliable and easy irrigation automation. Operate your pump remotely through the mobile app or a missed call, save time, reduce field visits, and ensure efficient water management.



GSM Communication
Support



Pump
Protection



Missed Call
ON/OFF Control



Mobile **App & Web**
Application Control



Advanced
Timer Functions

M1 NEO

Control Your Motor from Anytime, Anywhere

Compatible with



FEATURE HIGHLIGHTS

- Control your motor remotely using the **Mobile App** or a **missed call**.
- Automate irrigation with **Auto Mode** and flexible timer scheduling options.
- **Access 7 days of operation logs** for better tracking and analysis.
- Protect your pumpset with **Dry Run, Overload, and 1Ph Protection**.
- Monitor pumpset status, current, and voltage in real time.
- Receive instant feedback on motor and network status.
- Ensure reliable operation with battery backup support.
- Stay up to date with Over the Air (**FOTA**) **firmware** updates.

TECHNICAL SPECIFICATIONS



Status Indications:
LED Indicators



CT Coil Support:
Up to **50A (Default)**



Dry Run Protection:
Current Based



Communication:
5G/LTE GSM Network



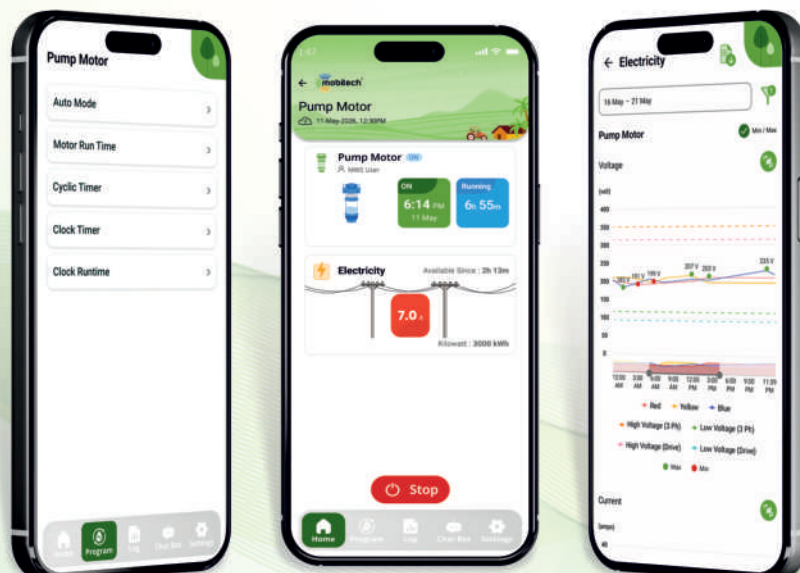
Phase Compatibility:
1Ph & 3Ph



Current, Voltage Monitoring: **Yes**



Data Backup:
7 Days Log Storage



M1 FLEX

M1 FLEX

Smart Control. Maximum Flexibility



The **FLEX Smart Irrigation Controller** is designed for farmers who need advanced automation, intelligent scheduling, and complete control over their irrigation system. Manage multiple irrigation requirements with ease while **saving water, electricity, and labor**.



GSM Communication
Support



Pump
Protection



Missed Call
ON/OFF Control



Mobile **App & Web**
Application Control



Advanced
Timer Functions

M1 FLEX

Smart Control. Maximum Flexibility

Compatible with



FEATURE HIGHLIGHTS

- Control your motor from anywhere using the **Mobile App**.
- Automate Irrigation with advanced **timer** and **program** settings.
- **Save water** and **electricity** through smart irrigation management.
- Reduce manual intervention and labor costs.
- Monitor pumpset performance in real time.
- Protect your pumpset with **Dry Run**, **Overload**, and **Voltage Protection**.
- Receive instant alerts and status notifications.
- Improve crop health with timely and consistent irrigation.
- Access your farm **anytime, anywhere** with complete peace of mind.

TECHNICAL SPECIFICATIONS



Operating Voltage:
180V – 440V



Communication:
5G/LTE GSM Network



Data Log Storage:
30 Days Historical Records



Timer Programs:
Up to **20+** Programmable Schedules



pumpset Control Capacity:
Up to **0.5HP to 300HP**



Backup Memory Retention:
Up to 12 Months



M1 PRO

M1 PRO

Advanced Motor Automation For Modern Farms



The **Dcon Ag M1 Pro**, The Irrigation motor controller enables farmers to operate and monitor their irrigation motor remotely through a mobile app, regardless of farm size. It offers flexible scheduling, real time monitoring, and advanced safety protections- delivering reliable, automated irrigation to make **farming easier, safer, and more efficient**.



Remote Mobile
Control



Smart
Automation



Timer
Modes



sensor
Integration



Inbuilt SIM
Connectivity

M1 PRO

Advanced Motor Automation For Modern Farms

Compatible with



FEATURE HIGHLIGHTS



Remote Mobile Control

Operate and monitor the irrigation motor anytime using a mobile application.



Smart Automation & Sensors

Supports cycle, clock, run, and auto timer modes with tank level, pressure, and flow sensor integration.



Advanced Safety Protection

Built-in dry run, low voltage, and high voltage protection for secure and uninterrupted operation.

TECHNICAL SPECIFICATIONS



Timer Modes: Cycle, Clock, Run & Auto



Connectivity: Inbuilt SIM card



Sensor Support: Tank level sensor, Pressure sensor, Flow sensor



Protection Features: Dry run, Low voltage, High voltage protection



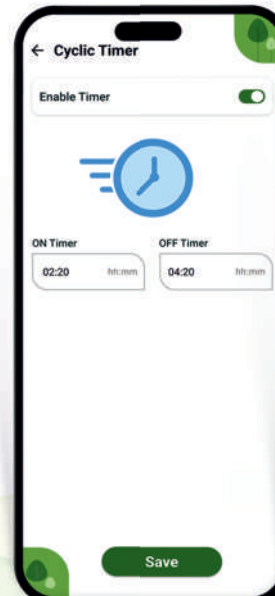
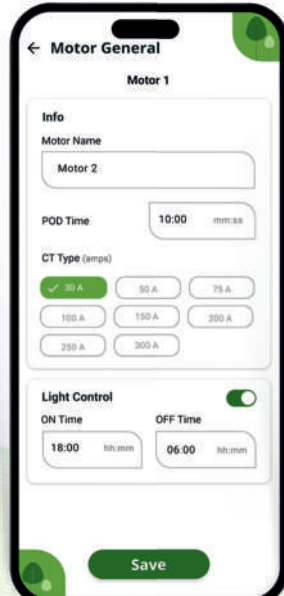
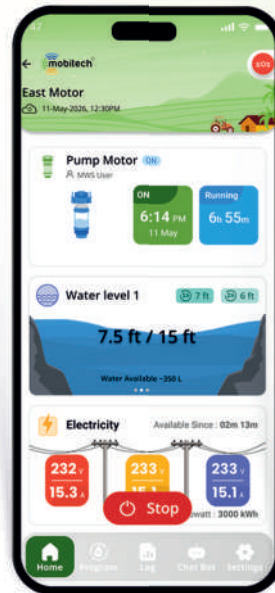
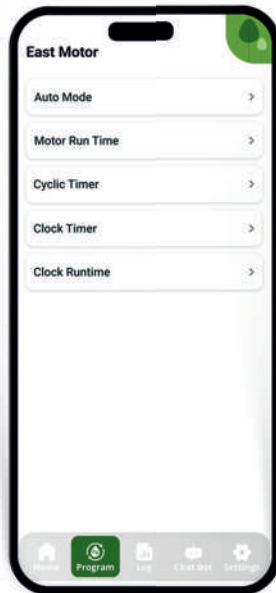
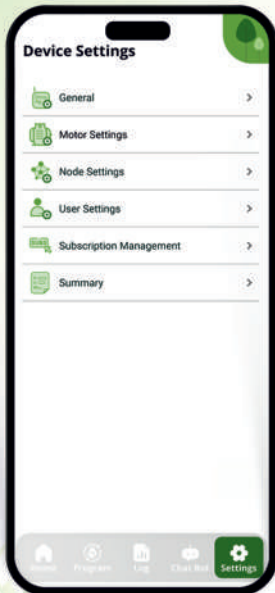
Onboard Display: Yes



Interface



SCAN FOR APP



Comparison of Cellphone motor Starter controllers

Features		M1 PRO	M1 FLEX	M1 NEO
Connectivity & Technology	GSM Communication Support	✓	✓	✓
	WIFI Connectivity	✓		
	Bluetooth Connectivity	✓		
	GPS	✓		
Pump Protection Features	Single Phase Protection	✓	✓	✓
	Current Based Dry Run Protection	✓	✓	✓
	Overload Protection	✓	✓	✓
	Low and High Voltage Protection	✓	✓	
	Current Imbalance Protection	✓	✓	
	Dry Run Resume Delay	✓	✓	✓
	Voltage Resume Delay	✓	✓	
Functional Features	DOL Starter Compatibility	✓	✓	✓
	Star Delta Starter Compatibility	✓	✓	✓
	Light Control Compatibility	✓		
	Emergency Shutdown Relay	✓		
	Pump Drive Control (VFD ON-OFF Control)	✓	✓	✓
Electrical Parameter	Voltage Sensing Capability	✓	✓	
	Voltage Phase Monitoring	1 Ph & 3 Ph	1 Ph & 3 Ph	
	Battery Backup Support	✓	✓	✓
	Current Sensing Capability	✓	✓	✓
	Current Phase Monitoring	1 Ph & 3 Ph	1 Ph & 3 Ph	1 Ph & 3 Ph
	Default CT Coil Range	Upto 50A	Upto 50A	Upto 50A
	External CT Coil Support	Upto 500A		
	Power Factor Measurement	✓		
	Power Consumption (KW)	✓		
	Voltage & Current Monitoring Display	✓		

Comparison of Cellphone motor Starter controllers

Features		M1 PRO	M1 FLEX	M1 NEO
Timer Controls	Auto Mode	✓	✓	✓
	Motor Run Time	✓	✓	✓
	Cyclic Timer	✓	✓	✓
	Clock Timer	Max 10 Timers	Max 2 Timers	Max 2 Timers
	Clock Run Timer	Max 10 Timers	Max 2 Timers	Max 2 Timers
Sensor Integration	Pressure Sensor	✓		
	Flow Meter	✓		
	Water Level Sensor	✓		
Display	Display Indication	✓		
	LED Indication(Network and Motor Feedback)	✓	✓	✓
Remote Control & User Interface	Mobile & Web Application Control	✓	✓	✓
	Missed Call ON OFF Control	✓*	✓*	✓*
Data Log & Backup	Log Backup Duration	30 Days	7 Days	7 Days
Firmware Update	FOTA	✓	✓	✓

* - To use this feature, the customer needs to provide a **SIM card**.