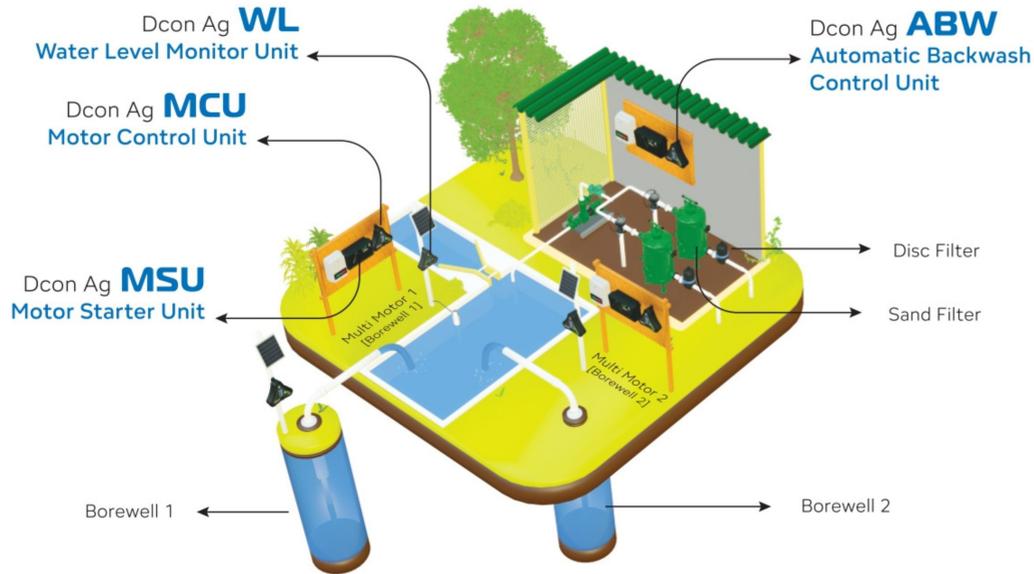


Control and Monitoring of Water Sources

Our system controls multiple borewells to keep your reservoir full, ensuring a steady water supply. It protects your pumpset from erratic electricity. Additionally, farmers can access real-time information on water levels, pumpset status, and electricity parameters..



Dcon Ag MCU & MSU

Our MCU (Motor control unit) is a cutting-edge slave unit designed to communicate with AIR and efficiently control pumpsets through our MSU (Motor starter unit).

Features and Benefits

- **Advanced Communication:** Seamlessly integrates as a transceiver with AIR, ensuring reliable data transmission.
- **Efficient Control:** Facilitates precise ON/OFF control of pumpsets via our MSU optimizing operational efficiency.
- **Local Display:** Includes a built-in display for monitoring electricity parameters and pumpset status, providing real-time insights.
- **Firmware Over-The-Air (FOTA) Updates:** Allows for convenient firmware updates, ensuring the MCU is always up-to-date with the latest features and improvements.
- **Battery Backup:** Features inbuilt battery backup for up to 6 hours, ensuring continuous operation during power interruptions.
- **Inbuilt Protections:** Incorporates dry run and overload protection for enhanced safety and longevity of pumpsets.

- **Pressure Sensor Input:** Accepts water pressure data input via a pressure sensor, ensuring optimal water flow and system efficiency.
- **Versatile Compatibility:** Suitable for both single-phase and three-phase pump sets, accommodating a wide range of applications.
- **Wide Power Range:** Supports pumpsets ranging from 0.5 hp to 500 hp, offering flexibility in deployment across various industries.
- **Reliability and Robustness:** Designed for consistent performance in diverse environments, ensuring operational reliability.
- **User-Friendly Design:** Simplifies installation, operation, and maintenance, enhancing overall usability and efficiency.



Specifications

- Input Voltage 3 Phase: 360V – 450V AC
- Input Voltage 1 Phase: 180V – 240V AC
- Default CT Coil: 50A
- External CT Upto: 500A
- Battery: 3.7V/2.6Ah
- Backup time: 6 hours
- Fuse: Protection for each phase
- Communication: LoRA & Bluetooth 5.0
- Compatibility: Suitable for All types of starter panel
- Inbuilt GPS



Dcon Ag MSU & MCU

