



# SIGNALITE MOTOR CONTROLLERS

Elevate motor control capabilities with the DMC Motor Controller SigmaLITE, featuring advanced AC-PMS-IPM Motor Technology. It is the latest development from DMC and is set to be released 2023. This versatile controller offers a wide range of applications, whether you require single or dual motor traction control or need to manage pump controllers.

Choose from communication protocols like CAN Open DS402, J1939, or customize to your needs. Complete with the option for isolated CAN standard to enhance reliability. It also includes flash firmware via CAN or configurator. The calibrator via CAN Open is hand held.

This controller boasts an industry-standard 23-way AMP Seal connector and an IP65 protection rating. Safety is paramount, as it complies with EN 13849 Safety Category II PLc or PLd.

Efficiency is redefined with IMS power boards and high-efficiency MOSFET, ensuring top-tier performance. Plus, specific IPM and PMS features are at your disposal. For those with unique needs, custom hardware and software development is available.

- AC - PMS - IPM Motor Technology
- AC - PMS - IPM Full Auto Tuning
- Automated Motor Sensor Setup
- AC & PMS Sensor-less (IPM coming soon)
- CAN Open & J1939
- Configurator CAN bus setup & Live Data
- Nominal voltage range: 24/48V
- Operating temperature from -30 to +85°C

Voltage	Current 1min/1h	Release	Size (mm)
24/48V	250/125Arms	2023	144 x 106 x 55
24/48V	120/60Arms	tbd	144 x 106 x 55
24/48V	80/40Arms	tbd	144 x 106 x 55
Preliminary information			

## The Future Generation of Motor Control!



Lite Display



Advanced Display



Calibrator



Configurator

Recommended Accessories