

MC MOTOR CONTROLLERS

Integrated motor controllers to seamlessly engineer safe and efficient equipment for OEM application needs.

J1939 COMMUNICATION

 Simplified integration with Vanguard[™] battery packs.

AUTOMOTIVE GRADE DESIGN

> Outstanding resilience and reliability.

AUTO-TUNING

> Less work to optimize your system.

FAULT PROTECTION



MOTOR CONTROLLERS

TECHNICAL SPECIFICATIONS









| MC2000 | MC4000 | MC8000 |
|--|--|--|
| 48 VDC | 48 VDC | 48 VDC |
| 72 VDC | 72 VDC | 72 VDC |
| 18 VDC | 18 VDC | 18 VDC |
| 200 A | 430 A | 630 A |
| 99% | 99% | 99% |
| Three-phase SPM | Three-phase SPM | Three-phase SPM |
| Over/under voltage, over temperature, over current | Over/under voltage, over temperature, over current | Over/under voltage, over temperature, over current |
| -20 to 95°C | -20 to 95°C | -20 to 95°C |
| -35 to 95°C | -35 to 95°C | -35 to 95°C |
| J1939 | J1939 | J1939 |
| IPx5 | IPx5 | IPx5 |
| 125 x 145 x 52 | 174 x 145 x 52 | 246 x 145 x 52 |
| 1.02 | 1.42 | 2.04 |
| | 48 VDC 72 VDC 18 VDC 200 A 99% Three-phase SPM Over/under voltage, over temperature, over current -20 to 95°C -35 to 95°C J1939 IPx5 125 x 145 x 52 | 48 VDC 72 VDC 72 VDC 18 VDC 18 VDC 200 A 430 A 99% Three-phase SPM Three-phase SPM Over/under voltage, over temperature, over current -20 to 95°C -35 to 95°C J1939 IPx5 IPx5 125 x 145 x 52 174 x 145 x 52 |



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