The EP-1000 is a powerful, reliable, and low-cost solution to your heavy duty traction and industrial DC motor controller needs. Its unique plug-and-play design makes it ideal for both low and high-volume OEM's, by lowering installation times and eliminating the need for programming. The wet-location compliant enclosure is suitable for even the harshest industrial, marine, and automotive environments.

- **90 kW Continuous / 300 kW Peak Power**
  - True plug-and-play design; simply connect and go!
  - Automatically detects the motor, battery pack voltage, and potentiometer on every startup

- **100% IGBT design with film capacitors**

- **Submersible and wet-location compliant (IP-68)**

Compatible with all brushed DC motors, including most Series-Wound, Permanent Magnet, and Separately Excited motors

Pre-installed cables allow for lightning-fast installation in high volume manufacturing environments

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**BATTERY VOLTAGE:** 24 • 340 VOLT (480V OPTIONAL)

**CURRENT RANGE:** 0 • 1000 AMPS

**SURGE CURRENT:** 1680 AMPS

**THROTTLE RANGE:** 0% • 95%

**DUTY CYCLE:** CONTINUOUS @ 622A (FAN-COoled VERSION)

**PROTECTOPM:** OVER-CURRENT, SHORT/FAULT SHUTDOWN

**SPEED CONTROL:** 3-WIRE POTENTIOMETER

**SWITCH:** +12V to +15v

**PROGRAMMABLE:** NO (factory only)

**ENCLOSURE:** NON-VETALIC NEMA 4X (SUBLIVERIBLE)

Approx 13 x 13 x 6 INCHES (23 lbs.)

**WARRANTY:** ONE YEAR

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