

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



BATTERY VOLTAGE: 24 - 340 VOLTS (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-METALLIC NEMA 4X (SUBMERSIBLE)

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

WARRANTY: ONE YEAR