

The EPjr controller is designed for small to medium sized electric vehicles, including small cars, low-speed transports, NEVs, and utility vehicles up to 2000 pounds. They are 100% IGBT-based, and feature plug-and-play installation. As with all EP Series controllers, the EPjr comes with a one year warranty, and features pre-installed cables. Great for any economy electric vehicle!

Our EP-Junior controller is completely plug-and-play... simply connect it and go! Features pre-installed 2 gauge cables for fast and easy installation.

Automatically configures itself for any motor, battery pack voltage, and potentiometer. As with all EPC controllers, there are no settings to adjust, switches to set, or programming required!.

Fully compatible with all series-wound brushed DC motors. Can also be programmed to run most Separately Excited and Permanent Magnet motors.



The EPjr features water-tight connections and is 100% wet location (IP68) compliant. The controller is capable of operating under water at over 300 volts.

- BATTERY VOLTAGE: 24 to 340 (nominal)
- CURRENT RANGE: 0 - 600 AMPS
- PEAK CURRENT: 1000 AMPS
- DUTY CYCLE: 100% @ 160 AMPS
- CURRENT LIMITER: NONE
- CONTROL INPUT: 3-WIRE POTENTIOMETER
- SWITCH: +12V to turn ON
- PROGRAMMABLE: NO (factory only)
- ENCLOSURE: NON-METALLIC NEMA 4X / IP68 - WET LOCATION
- SIZE: 8 x 8 x 6 INCHES
- WARRANTY: ONE YEAR