



Curtis 1236SE HPEVS AC-34 Brushless AC Motor Kit - 48 Volt



Overview

The AC-34 is an AC motor that operates at 36-60V. It can draw up to 550A producing up to 40 HP (30 kW) and 108 ft-lbs (147 Nm) of torque. This kit works very well in medium sized cars & lightweight vehicles. Features include regenerative braking as well as an idle function. At 72 volts, it makes a safer low voltage system that will give you lots of reliable EV miles.

Quick Specs

- **Weight: 85 lbs**
- **Motor Case Length: 12.8"**
- **Motor Shaft Length: 2"**
- **Max Voltage Input: 80V**
- **Rated Torque: 108 ft lbs**
- **Rated Horsepower: 40 HP**
- **Max RPM: 10,000**

Kit Contents

- **HPEVS AC34 Motor**
- **Curtis 1236SE-5621 Controller**
- **35 Pin Connector and Wire Harness**
- **Gigavac GV200-QA Contactor**
- **12 Volt HV Relay**
- **Curtis 840 Dash Gauge**
- **SPST Menu Button**
- **SPST Mode Switch**

Specifications – Curtis 1236SE-5621 HPEVS AC-34 Brushless AC Motor Kit - 72 Volt

- **Motor Face:** B-Face
- **Motor Diameter:** 8.9 Inches
- **Motor Case Length:** 12.8 Inches
- **Motor Shaft Length:** 2.0 Inches
- **Motor Shaft to End Length:** 14.8 Inches
- **Motor Type:** AC Induction Brushless
- **Weight:** 85 lbs
- **Max Voltage Input:** 80
- **Terminal Stud Size:** 5/16 Inch
- **Integrated Sensors:** Encoder and Temperature
- **Rated Torque:** 108 Lb Ft
- **Rated Power:** 48 HP
- **Max RPM:** 10,000
- **RPM Sensor:** Yes
- **Drive End Shaft:** 1-1/8 Inch with 1/4 Inch Keyway
- **Accessory End Shaft:** Optional 7/8 Inch with 3/16 keyway
- **Max Efficiency:** 0.92
- **Thermal Cooling:** Internal Fan
- **Max Temperature:** 180 Degrees Celsius

