

**TECHNOLOGY  
DATA  
SHEET**



**EVERGREEN DRIVE 96V SYSTEM**

**ELECTRIC DRIVE KITS**

Passenger Vehicle  
Conversions

**EXTENDED BENEFITS**

- Range
- Speed
- Control
- Efficiency
- Savings
- Low maintenance

**Installation**

- Preprogrammed controller
- Prewired low-current harness
- Technical support
- On-line FAQ

**Serial LCD display of**

- Motor RPM
- Motor Temp
- Motor Current
- Controller Temp
- Battery Current
- Battery Status
- Fault Codes



**ELECTRIC DRIVE BASE KIT  
DESCRIPTION**

- Global-CFR AC Induction Motor- 96V IEC 160 Frame Motor with 1 3/8 inch, keyed shafts, 70HP peak, IP20, 253 lbs
- Curtis 1238 Series 96V 650A preprogrammed Controller
- Low current wiring harness for controller
- Curtis 840R Serial Data Display
- Curtis/Albright SW200 Main Contactor

*96V Evergreen Conversion Base Kit  
with Optional Items*

**RECOMMENDED  
OPTIONAL KIT ITEMS**

- Curtis Throttle: PB-2 Potbox or ET-126
- Heat sink for the Controller
- Charger
- DC/DC Converter

**ADDITIONAL  
CONVERSION ITEMS**

- Curtis 1313/1314 USER-Level Programmer
- Shunts
- Hoyt Voltmeter/Ammeter
- Battery Connectors
- Emergency Disconnect

*EverGreen Drive Systems (EverGreen) is a division of Global Industrial Products, Inc., an established, Midwest-based, industrial component sales supplier since 1996.*



# TECHNOLOGY DATA SHEET



## TECHNICAL SUPPORT

### AVAILABLE RESOURCES

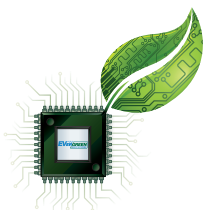
- Engineering - trained directly from the manufacturers wide Knowledge base

### CUSTOM SPECIFICATION

Custom components to fit your application. We have the flexibility to design for your needs whether Electric Boats, Electric Cars, Electric Trucks, Small Electric Vehicles all within our product range, and more.

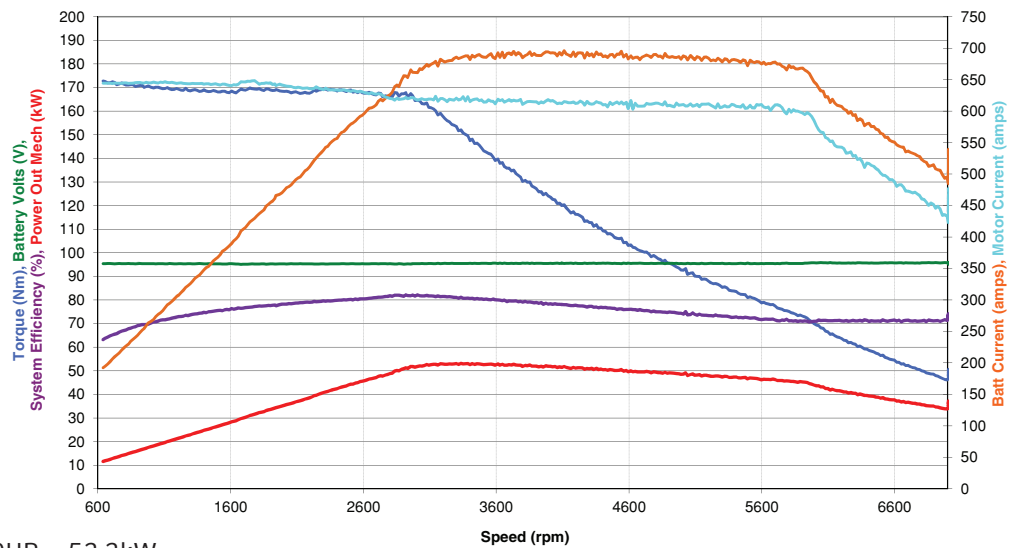
## TECHNICAL SUPPORT AVAILABLE

A customer ID will be provided upon shipment of your kit. Use this ID via email for Technical, Installation and Setup Support.



# EVERGREEN DRIVE 96V SYSTEM

## MOTOR PERFORMANCE CURVES



70HP = 52.2kW

### 3-Phase Motor Mechanical Power Output

$$P_{kw} = \frac{\sqrt{3} \times V_{batt} \times Arms \times PF \times Motor\ EFF}{\sqrt{2}}$$

- Vehicle: Less than 4000 lbs including batteries. Maximum motor speed limited to 5600 RPM.
- Skill: Conversions are no easy task. Hands-on experience in auto mechanics and electrical systems is highly recommended.
- End user to ensure battery pack is sized to meet range and speed requirements.

## PRICING

P/N 3608.042.000s  
**BASE KIT: \$5,997.50**

Terms and conditions  
subject to change without  
notification.

For more information on any of our products or services please visit us on the Web at: [www.EVerGreenDriveSystems.com](http://www.EVerGreenDriveSystems.com)

8129 North Austin  
Morton Grove, IL 60053  
Tel: 847-965-9808  
Fax: 847-965-9846

email: [Support@EVergreendrivesystems.com](mailto:Support@EVergreendrivesystems.com)

