

## Application Data Sheet for Electric Vehicle Propel and Steering

### Company Info

Company: \_\_\_\_\_ Date: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Contact: \_\_\_\_\_ E-mail: \_\_\_\_\_

### Vehicle Data

Project Name: \_\_\_\_\_ Type of Vehicle: \_\_\_\_\_

If Tugger, Weight of Trailer: \_\_\_\_\_

Number of Driven Wheels: 1  2  Other: \_\_\_\_\_ Number of Steering Wheels: 1  2  Other: \_\_\_\_\_

Number of Non-Driven Wheels: 0  2  Other: \_\_\_\_\_

Brake Required:  Parking  Service  None  Manual Release

Battery Voltage (VDC):  12  24  48  72  80  96

Propel Motor Type:  AC  DC Propel Voltage:  24  48  72  80

Steer Motor Type:  AC  DC Steer Voltage:  24  48  72  80

#### Empty

#### Loaded

Gross Vehicle Weight: _____	Kg	_____	Kg
Maximum Speed: _____	m/s	_____	m/s
Minimum Speed: _____	m/s	_____	m/s
Acceleration Required: _____	m/s <sup>2</sup>	_____	m/s <sup>2</sup>
Steer Speed: _____	°/sec	_____	°/sec
Maximum Grade (Slope): _____	%	_____	%
Weight on Drive Wheel: _____	Kg	_____	Kg
Draw Bar Pull: _____	Kg	_____	Kg
Rolling Radius: _____	mm		
Wheel/Tire Width: _____	mm		
Gear Ratio (if available): _____	: 1		

### Performance Data

Duty Cycle: (min/hr, run distance, etc.) \_\_\_\_\_

Estimated Vehicle Use per Year: \_\_\_\_\_ hours Desired Design Life: \_\_\_\_\_ hours

Estimated Annual Production: \_\_\_\_\_ machines Prototype:  No  Yes Date Needed: \_\_\_\_\_

*Please attach drawings, sketches, or electrical circuits.*

*Email completed form to: rthomas@kraftelectricdrives.com, bshockey@kraftelectricdrives.com, or rwalker@kraftelectricdrives.com  
 (Submit button below may not work with your e-mail system).*