## PERFORMANCE STATISTICS

### ACCELERATION AT 90% SOC *
- Zero to 30 mph: 8.7 sec
- Zero to 40 mph: 15.3 sec
- Zero to 50 mph: 17.7 sec
- Zero to 60 mph: 35.5 sec
Performance Goal: 13.5 seconds; 0 to 60 mph

### ACCELERATION AT 50% SOC *
- Zero to 30 mph: 9.4 sec
- Zero to 40 mph: 16.5 sec
- Zero to 50 mph: 26.0 sec
- Zero to 60 mph: 43.0 sec
Performance Goal: 13.5 seconds; 0 to 60 mph

### MAXIMUM SPEED
- At 50% SOC: 67 mph
Performance Goal: 70 mph

### CONSTANT SPEED RANGE
- 45 mph Distance: 88.4 miles
- 45 mph Energy Used: 14.5 kWh
- 45 mph Efficiency: 0.164 kWh/mile
- 45 mph Specific Energy: 0.0157 kWh/lb
- 60 mph Distance: 51.6 miles
- 60 mph Energy Used: 11.3 kWh
- 60 mph Efficiency: 0.219 kWh/mile
- 60 mph Specific Energy: 0.0122 kWh/lb

### DRIVING CYCLE RANGE
- 77°F Distance: 49.50 miles
- 77°F Energy Used: 11.64 kWh
- 77°F Efficiency: 0.235 kWh/mile
- 77°F Specific Energy: 0.0126 kWh/lb
- 19°F Distance: 33.20 miles
- 19°F Energy Used: Not Measured
- 19°F Efficiency: Not Measured
- 19°F Specific Energy: Not Measured

### GRADEABILITY *
- Maximum Grade: 42%
Performance Goal: 25%
- Speed At 3% Grade: 56 mph
Performance Goal: 55 mph
- Speed At 6% Grade: 42 mph
Performance Goal: 45 mph

### HANDLING COURSE
- Avg Time @ 90% SOC: 60.9 sec
- Avg Time @ 50% SOC: 61.3 sec
- Avg Time @ 20% SOC: 64.5 sec
- Avg Dodge Neon (ICE) Time: 54.62 sec
- Average Chevrolet S-10 Time: 58.29 sec

### BRAKING STABILITY
- Controlability: No Stability Problems
Distance Dry/Wet: 177.2/272.8 feet

### CHARGER
- Ground Current During Charge: 3 mA
- Battery Leakage Current: 0.01 mA
- Charger Efficiency: 93 %
- Average Power Factor: 0.54
- Performance Goal: 0.95
- Average THD: 91.1 %
- Performance Goal: 5%
- Time From 80% DOD: 10 hours 40 minutes
Performance Goal: <8 hours