

The Switch EV	Standard Equipment	Optional Equipment
Seating	Two Racing Style Bucket Seats	1, 2, 3 bucket seats or combination with bench seat
Safety Belts	Combination over the shoulder lab belts	5 Point racing harness for bucket seats, lab belts for bench
Instrumentation	Speedometer, voltage meter 12 volt and traction battery, Amp meter, State of Charge (Fuel gauge)	For Lithium Battery Packs optional Android Tablet interface provides detailed data about vehicle
Brakes	Front Disc Brakes Rear Combination Disc Brake parking brake	
Steering	Rack and Pinion	Power Assist
Headlights	Left, Right and Center LED low and high beam	
Tail Lights, License Plate	LED	
Indicator Lights	Normal conditions Charging Parking Brake engaged Battery Error Condition with buzzer	
Speedometer	Electronic Hall Effect Sensor – pre-programmed	Retro GPS Speedometer/Odometer GPS tablet Based
Wheels	Solid High Polished Steel Wheels	Various
Tires	205/50 - 15	
Transmission	Direct Drive – Dual Chain	Direct Drive - Belt
Ratio	14-1	Options available
Motors	Permanent Magnet Brushless DC	D&D 6 Inch DC Netgain Warp 9 DC HPEVS AC motors Generic – You Pick
Controllers	Motor Brand Specific	
RPM Limits	Netgain Hyper/9 PM 72V D&D 6 Inch DC Netgain Hyper/9 PM 96 or 144V HPEVS AC motors Stock Motors – others available upon request	8,000 RPM 2,500 RPM 8,000 RPM 8,000 RPM

Spec Sheet Continued

The Switch EV	Standard Equipment	Optional Equipment
Torque	Netgain Hyper/9	173 Ft-lbs. at 0 RPM
Horsepower	Netgain Hyper/9 108 Horsepower	
Traction Battery	108 Volts 556 AMPs 80 Horsepower	72 Volt PB 450 AMPs 40 HP 108 volt 11KwHr LI 60 HP 144 volt 15KwHr LI 108 HP 144 volt 30KwHr LI 108 HP
Vehicle Dimensions		
Ground Clearance	5 Inches	3.5 Inches 6.5 Inches
Curb Weight	1,350 Pounds 615KG – Varies by battery type	
Maximum Weight	2,050 Pounds 930KG	
Switch Height	54.2 inches	
Switch Overall Length	144.3 Inches	
Switch Track Width	78.1 Inches	
Switch Overall Width	79 Inches	
Ignition	Two Ignition Keys Standard	Keyless Start with Fob
Features and Warranty		
Color / Graphics	Delivered unpainted with protective seal	Powder Coating Priming

Frequently Asked Questions

Seat Configurations

- ✓ 2 is left or right hand drive, 2 seats in front
- ✓ 3 is 1 seat in front center drive and two seats in rear
- ✓ 4 is 2 in front left or right had drive and either 2 in back or bench seats

Range

- ✓ Starting with a small lead acid sealed AGM 72 volt battery – 15 milerange
 - ✓ 108 volt 7.2KwHr Lithium Manganese battery – 40 mile range
 - ✓ 108 volt 11KwHr Lithium Manganese – 60 milerange
 - ✓ 144 volt 15KwHr Lithium Manganese – 85 milerange
 - ✓ Longer Range is optional with larger battery - upto 200 miles
- All ranges are estimates. Driving speeds and styles significantly effect range.*

Top Speed

- ✓ Lead acid vehicle 40 MPH
- ✓ Lithium Vehicles 90+ MPH

0-60 MPH

- ✓ Lead acid – 0-40 in 8 seconds
- ✓ Lithium 0-60 in 6 seconds or less

Vehicle Charging

- ✓ All vehicles can be plugged into 110 outlets, and Lithium Vehicles can also be plugged into J1772 outlets (standard EV plug)
- ✓ All vehicles can support 110-240 volt input. The Lead acid vehicle requires the properconnector.
- ✓ No special plugs are required.

Vehicle Charging Time

- ✓ 110 volts charge at the rate of 10-12 miles per hour of charge
- ✓ 240 volts depend on amperage of circuit
 - 25 amp circuit charges at about 25 miles per hour ofcharge
 - 50 amp circuit charges at about 35 miles per hour ofcharge

How it works:

The Switch EV is designed modularly, Chassis, Suspension, Interior, Battery, Propulsion (Motor options) are a few of the kits. You can purchase the modules all at once and save on the overall cost or purchase a module once it is complete the next. The third option would be to schedule the modules to arrive on a schedule. We can assist with outlining the average time each module requires for accurate shipping.

However you decide to proceed we will be here to help you through the process.

www.SwitchVehicles.com