

# Info Sheet 2023



The Switch EV	Standard Equipment	Optional Equipment
<b>Seating</b>	Two Racing Style Bucket Seats	Backseats (1 or 2) + rear bracket
<b>Safety Belts</b>	Combination over the shoulder lap belts	3 Point Racing Harness
<b>Instrumentation</b>	Speedometer, voltage meter 12 volt & traction battery, Amp meter, State of Charge (Fuel gauge)	For Lithium Battery Packs optional Android Tablet interface provides detailed data about vehicle + GPS
<b>Brakes</b>	Front Disc Brakes Rear Combination Disc Brake Parking Brake	
<b>Steering</b>	Rack and Pinion	
<b>Ignition</b>	2 Ignition Keys Standard	
<b>Interior</b>		Adjustable rear view mirrors
<b>Color</b>	Delivered unpainted with protective seal	Powder Coating (1-2 colors)
<b>Headlights</b>	Left, Right and Center LED low/high beam	
<b>Tail lights</b>	Set of LED	
<b>Indicator Lights</b>	Normal conditions Parking Brake engaged Battery Error Condition with buzzer Charging	
<b>Wheels</b>	Solid High Polished Steel Wheels	
<b>Tires</b>	205/50 - 15	
<b>Transmission</b>	Direct Drive – Dual Chain	
<b>Ratio</b>	14:1	

	Vehicle Dimensions	
<b>Ground Clearance</b>	5 Inches	3.5 Inches 6.5 Inches
<b>Curb Weight</b>	1,350lbs - 615kg	Varies by Model
<b>Maximum Weight</b>	2,050lbs - 930kg	
<b>Switch Height</b>	54.2 inches	
<b>Switch Overall Length</b>	144.3 Inches	
<b>Switch Track Width</b>	78.1 Inches	
<b>Switch Overall Width</b>	79 Inches	

The Switch EV Models			
SPECS	DC/72v	PM/72v	PM/96v
<b>Electric Motor</b>	D&D 6inch DC Motor	Netgain Hyper9	Netgain Hyper9
<b>Horsepower</b>	40hp	40hp	108hp
<b>Torque</b>	65 ft-lbs at 0 RPM	110 ft-lbs at 0 RPM	173 ft-lbs at 0 RPM
<b>Battery</b>	72 volt PB 450 AMPS	72 volt PB 450 AMPS	108 volt 11 kw/hr Lithium Ion
<b>Range</b>	15 miles	15 miles	40 miles
<b>Top Speed</b>	40MPH	50MPH	85mph
<b>0-60 MPH</b>	8 seconds	8 seconds	6 seconds
<b>Throttle</b>	Resistive	Hall Effect Sensor	Hall Effect Sensor

# 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 hand drive and either 2 in back or bench seats

## Vehicle Charging

- ✓ All vehicles can be plugged into 110 outlets, and Lithium Vehicles can also be plugged into J1772 outlets (standard EV plug)
- ✓ Lead acid can use an extension cord for 110v input.
- ✓ All vehicles can support 110-240 volt input. The Lead acid vehicle requires the proper connector.
- ✓ 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 of charge
  - 50 amp circuit charges at about 35 miles per hour of charge

## Delivery

- ✓ Shipped partially assembled - glider format
  - Rolls on/off trailers
- ✓ All packing lists & parts are secured inside the glider frame
- ✓ Includes instructions for unpacking & organizing

[www.SwitchVehicles.com](http://www.SwitchVehicles.com)