



SX 600 Specifications

Range *	16 - 20 miles (25- 32 km)
Speed *	16 - 20mph (25-32 kph)
Weight	46 lbs (21 kg) with batteries removed. 76 lbs (34.5 kg) with batteries installed.
Motor	500 watt brushed DC Motor with high temp rare earth magnets, sealed case and temperature sensor. Patent pending.
Controller	PWM controller with advanced battery management and motor temp sensor.
Ignition switch	Keyed power switch with matching battery compartment lock.
Throttle	Micro Shift rotational hall sensor throttle.
Batteries	Two interchangeable 24v, 11.5 ah packs with hard mount plugs.
Battery dimensions	Dual 10.5"x 5.5" x 2.5" (27mm x 13.75mm x 6.25mm) battery packs.
Battery weight	Dual 15lb (6.8 kg) battery packs.
Battery meter	3 light smart meter with 100%, 70% and 30% notification.
Charger	3 amp fan cooled.
Recharge time	5-6 hours from fully discharged condition.
Frame	6061 aluminum TIG welded w/dual suspension.
Fork	Progressive dampening suspension fork with oversized stanchions and aluminum crown.
Swing arm	Reinforced 6061 tubular aluminum w/pivot bushings.
Rear Shock	Oil dampened coil over shock – 150 mm center to center.
Body	One-piece automotive ABS dent resistant body.
Paint	Automobile class oven cured metallic paint with flexible additive.
Wheel Base	42" (105 cm)
Dimensions, upright	52" x 40" x 12" (130cm x 100cm x 30cm)
Dimensions, folded	52" x 22" x 12" (130cm x 55cm x 30cm)
Wheels	Custom 12" aluminum alloy with oversized 15mm axles and sealed cartridge bearings.
Tires	Motorcycle grade street slicks with integrated puncture resistant layer.
Belt	Oversized 20mm Optibelt belt with aluminum tensioners.
Rear Gear	Fiber reinforced flange mount sprocket with single sided guide.
Front Pulley	Extra wide black carbon steel double D shaft pulley.
Handlebars	Exclusive VRO 6061 Aluminum 4-way adjustable reach racing bars.
Headset	Sealed 1 1/8" ball bearing headset.
Brake set	Drum brakes with motorcycle grade pad compound and treated drums.
Brake levers	Two finger Oro levers with dual brake sensors.
Folding mechanism	Dual safety lock aluminum mechanism w/one finger release.
Saddle	Velo custom design scooter saddle.
Seat Post	All aluminum adjustable from 27" to 37" (67.5 cm to 92.5 cm)
Kick Stand	Nuvo brand coil spring kick stand.

*Range and speed figures depend on rider weight and terrain. All specifications subject to change without notice.