

SWINBUGGY

**General Specifications:**

Maximum speed	45km/h
Speed limiter	3 configurable positions
Drive wheels	2 or 4 wheels
Steering wheels	2 or 4 wheels
Tires	140/70/16

Dimensions and weight

Front track	1260 mm
Rear track	1260 mm
Wheelbase	1400 mm
Overall length	2000 mm
Overall width	1400 mm
Net weight	180 kg to 200 kg
Total authorized weight	480 kg

Motors

Motor description	2 or 4 wheel motors
Motor type	Three-phase brushless
Nominal power per motor	1500 W
Nominal power speed	3600 rpm
Maximum torque per motor	135 Nm

Batteries

Type	Lithium-ion
Nominal voltage and capacity	48V, 70Ah to 140Ah

Suspension

Front and rear	Combined spring-shock absorber on oscillating arm
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Steering

Type	Rack and pinion
Steering wheels	2 or 4 steering wheels
Turning diameter	5m with 4 steering wheels

Braking

Brake on front and rear wheels	Hydraulic disc brake
Parking brake	On 4 discs