

MACEV Untilted Tricycle



Serial number	System name	Specification parameter
1	Main dimensions of body	Length x width x height: 2500 x 860 x 1850 mm; Wheelbase: 1822mm, rear wheelbase: 860mm, clearance: 90mm, pedal: 230mm
2	Radius of transition	Steering radius : $\leq 2.3m$
3	Angle of swing	$\pm 35^\circ$
4	Box size	1000mm \times 860m \times 1050mm with 900L content
5	Body weight	270kg (excluding batteries)
6	Load	100kg
7	Climbing degree	$\geq 17^\circ(30\%)$
8	Maximum speed	55km/h
9	Mileage	5kwh, 40km/h at constant speed 100km, NEDC mode (60% load)
10	Battery capacity	5kwh, voltage 72V, with BMS
11	Battery weight	46.3kg
12	Battery Case Requirements	Battery case IP68
13	Start the battery	-
14	Motor power	3.5KW , permanent magnet synchronous motor
15	Tyre specification	Front 110/90-12 Rear 400-12
16	Brake	Front and rear disc brake 220mm
17	Appearance	TFT liquid crystal with navigation and multi-function MP3
18	Communication interface	Bluetooth-equipped USB port for charging and communicating
19	Luminaires	Headlight LED, with daytime running lights, far and near lights; turn signal rear reflector, reversing lamp, turn signal, position lamp, brake lamp; licence lamp side reflector
20	Speaker	Loaded Departure alarm
21	Locking mode	Automatic parking brake and automatic locking swing mechanism after power off; Lockable handle after key lock;
22	Charger	Charging Voltage AC100V 1 \times 1.5kw/AC200V 1 \times 3kw Multi-voltage Support Charging Cable with Connector
23	Other items	1. With EPB 2. Control of swing mechanism with electronic lock 3. With 2 USB 2.0A Fast Charging Interfaces