



OFF ROAD BUG



Off Road Bug:

The off road experience is enhanced by the fact that you are not polluting the environment in this fully electric off road vehicle. Seating for two with cargo rack at the rear to keep your outdoor experience equipment handy. Top speed is approximately 35kmph with a range of 80-100km. Multi purpose outdoor vehicle providing off road capacity and no harmful emissions. Enjoy a new off road experience *it just makes sense...*

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Overall dimensions	2530*1300*1800mm
Body	Steel frame +Plastic
Chassis	Steel
Tyre size	22*11-10, 4Ply
Wheel base	1700mm
Wheel track	Front 1555mm/Rear 1555mm
Ground clearance	150mm
Seat capacity	2 Adults/360kg
Turning radius	3.5m
Braking distance	≤6m
Climbing capacity	30%
Curb weight	510kg
Max. speed	35km/h
Electric Power Range	80-100km
Motor	DC 48V4kW
Average power consumption	10kwh/100km
Transmission mode	Rear wheel drive
Charger	Deltar-Q brand, input 110V-240V,50Hz-60Hz, output 48V, 18A
Battery	8V216Ah*6pcs
Charging time	8-10h
Controller type	Curtis controller
Brake type	Rear wheel Mechanical Drum Brake & Regeneration Brake
Suspension	Leaf Spring With Hydraulic Shock Absorbers both front & rear
Solar charging component	
Max power(Pmax)	250W
Max power voltage(Vmp)	46V
Max power current(Imp)	5.43A
Open circuit current(Voc)	55.2V
Short circuit current(Isc)	5.81A
Series fuse rating	10A
Solar controller type	Booster controller M48360
Number of PV-Modules in use	2pcs
Net weight of PV-Modules	3.0kg
Additional range with solar charger	Around 12km