

G2 Technical Parameter

Specification	
Motor	AC Asynchronous 48V 5KW
Battery	LFPO battery 54.4V 105AH
Controller	SDJ-6234 / 48V 450A
Charger	Intelligent car charger 90-240V/35A, charging time less than 8hours (discharge rate of 80%)
Performance	
Passenger capacity	2 Adults
Range (loaded) based on flat road at a speed of 20km/h	80km (105Ah LFPO battery) 150km (210Ah LFPO battery)
Maximum speed	40km/h
Minimum turning radius	2.4m
Maximum climbing ability (loaded)	30%
Brake distance	<6M
Cart's weight (including 105AH battery)	460kg
Dimensions	
Overall dimensions: LWH (mm)	2388x1262x1910
Min. ground clearance (mm)	265
Wheelbase(mm)	1670
Wheel track(mm)	1034/1027
Body and Frame	
Frame	Welded high yield strength tubular steel
Body	"PP" automatic industrial special plastic
Roof	PP injection
Windshield	DOT grade hardcoated Polycarbonate/ Tinted acrylic glass
Seats	High back premium seats with integrated armrest Marine grade vinyl + Flame retardant fabric/sponge
Floor	UV resistant engineered rubber
Mirror	Integrated interior/exterior turning light
Electric system	
Lighting system	DOT certified automatic LED headlights, taillights, turn signal, DRL, high and low beam, high mount 3rd break light
Display system	9" touchscreen with integrated control display system: Apple Car Play, Android Auto, Bluetooth, and FM/AM Radio
Reversing alarm	Included
Back up camera	Included
TPMS	Included
Steering and Suspension	
Steering system	Speed sensitive electric power steering with self-centering torque
Brake system	4-wheel hydraulic brake + Electronic brake system: (Automatic electronic braking for uphill and downhill)
Accelerator	Electric accelerator
Suspension system	Front: Independent suspension, helical spring +cylinder hydraulic shock absorber Rear: Integral type transaxle, gear ratio 13:1, helical spring+cylinder hydraulic shock absorber
Wheel and Tire	215/40 R12



G4 Technical Parameter

Specification	
Motor	AC Asynchronous 48V 5KW
Battery	LFPO battery 54.4V 105AH
Controller	SDJ-6234 / 48V 450A
Charger	Intelligent car charger 90-240V/35A, charging time less than 8hours (discharge rate of 80%)
Performance	
Passenger capacity	4 Adults
Range (loaded) based on flat road at a speed of 20km/h	80km (105Ah LFPO battery) 150km (210Ah LFPO battery)
Maximum speed	40km/h
Minimum turning radius	3.35m
Maximum climbing ability (loaded)	30%
Brake distance	<7M
Cart's weight(including 105AH battery)	550KG
Dimensions	
Overall dimensions: LWH (mm)	2960*1262*1910
Min. ground clearance (mm)	265
Wheelbase(mm)	2280
Wheel track(mm)	1034/1027
Body and Frame	
Frame	Welded high yield strength tubular steel
Body	"PP" automatic industrial special plastic
Roof	PP injection
Windshield	DOT grade hardcoated Polycarbonate/ Tinted acrylic glass
Seats	High back premium seats with integrated armrest Marine grade vinyl + Flame retardant fabric/sponge
Floor	UV resistant engineered rubber
Mirror	Integrated interior/exterior turning light
Electric system	
Lighting system	DOT certified automatic LED headlights, taillights, turn signal, DRL, high and low beam, high mount 3rd break light ,rocker panel decorative LED light
Display system	9" touchscreen with integrated control display system: Apple Car Play, Android Auto, Bluetooth, and FM/AM Radio
Reversing alarm	Included
Back up camera	Included
TPMS	Included
Steering and Suspension	
Steering system	Speed sensitive electric power steering with self-centering torque
Brake system	4-wheel hydraulic brake + Electronic brake system: (Automatic electronic braking for uphill and downhill)
Accelerator	Electric accelerator
Suspension system	Front: Independent suspension, helical spring +cylinder hydraulic shock absorber Rear: Integral type transaxle,gear ratio 13:1,helical spring+cylinder hydraulic shock absorber
Wheel&Tyre	215/40 R12

