



GM medical vehicle series

Power System

Motor 48V, American ADC brand 3.8KW(5P horsepower) high efficiency DC shunt motor

Horsepower 5P(3800W)

Transaxle High-efficiency gear transmission, differential speed ratio 16:1, maintenance-free rear axle

Battery GEL Battery:8V 150Ah*5pcs

Body, chassis

Body Aluminum Alloy longitudinal beam elbow main beam, auxiliary chassis parts are Q235, electrophoresis, powder spraying process anti-corrosion.

Chassis Super Light Special thermal plastic injection PP material, performance is equivalent to the same level of car bumper, split design, anti-collision, aging resistance

Electric system

Controller: US imported Curtis-1266A-275A DC (Cotis) controller CMOS continuously variable speed system. The service life is 3 times that of the domestic controller!

(Curtis, US-one of the world's top 500 companies, supplier of human's first moon landing aircraft)

Accelerator: US (same type as clubcar) resistance connectionless inductance acceleration system

Suspension brake

Front axle + multi-piece spring plate and hydraulic shock absorption system (strong vehicle bearing capacity) rear suspension multi-piece spring plate and hydraulic shock absorption system

Single-stage gear and rack steering, Curtis electric meter, integrated ignition direction switch

Tyres, seats

Special tire for off-road series (4 ply) 18*8.5-8 vacuum wide tire (more stable and wear-resistant)

PU + sponge foam craft material seat sofa, antifouling and aging resistance

Optional device

Sunshade, safety belt

Technical parameters of medical vehicle

Ground clearance	110mm	Minimum turning radius	3m
Front/rear wheel distance	860/970mm	Max speed	23km/h
Front/rear wheelbase	1673mm	Load	500kg
Outline size	2700mm*1200mm*1830mm	Climbing ability	30%
Net weight	580kg	Range	60-80km
Braking distance	≤3.0m	Charging time	8 hour