



WINNER-FDC-DR 1T 48V Configuration Table

Electrical System	Electronic Control System	48V-350A Fully Intelligent Controller Brand: Enpower		
	Battery	48V-6V 200Ah × 8 units (Maintenance-free high-capacity batteries) Brand: Tianneng		
	Motor	5KW Three-Phase Asynchronous AC Motor Brand: Depuda		
	Charger	Aviation Aluminum Intelligent On-board Charger Auto power-off when fully charged		
	Charging Time	Charging Time: 6 - 8 hours (at 80% discharge rate)		
Technical Specifications	Charging Input Voltage	220V		
	Length × Width × Height (mm)	4200*1470*2000	Braking Distance	≤5m
	Cargo Compartment Dimensions (mm)	1800*1470*1300	Rated Passenger Capacity	5
	Payload	1000kg	Maximum Travel Speed	30km/h
	Front/Rear Track	1235/1235mm	Maximum Gradeability	20%
	Wheelbase	2140mm	Minimum Turning Radius	5m
	Minimum Ground Clearance	150mm	Driving Range	60-80km
Body System	Seats	Front Row Seats (1+1 configuration, leather + high-resilience PU, beige seats)		
	Body	Carbon steel frame (Q235) / Sheet metal body / ABS engineering plastic molded dashboard		
	Instrument Panel	LCD instrument display (showing voltage, current, speed, mileage, lighting, forward/reverse signals, etc.)		
	Rearview Mirror	Wide-view adjustable manual exterior rearview mirrors		
	Lighting & Signals	High-brightness LED headlights, turn signals, taillights, brake lights, reverse lights, and electric horn		
	Audio System	Premium car audio with MP3 player, professional speakers, and USB port		
	Switches	Ignition switch, combined light/wiper switch, forward/reverse switch		
	Doors	Removable carbon steel doors (Q235) with built-in tempered glass sliding windows		
	Frame	Welded carbon steel frame (Q235) with high-temperature anti-rust powder coating		
	Steering Wheel	Luxury polyurethane foam steering wheel		



Chassis System	Powertrain System	Automatic transmission / CVT system
	Steering System	Rack and pinion steering (automatic clearance compensation) + EPS power steering
	Front Axle & Suspension	MacPherson independent front suspension
	Rear Axle & Suspension	Integrated rear axle / aviation aluminum differential assembly / high-strength leaf springs / tubular hydraulic shock absorbers
	Braking System	Front disc / rear drum hydraulic brakes, dual-circuit braking, parking brake, brake booster
	Wheels	Aluminum alloy wheels + 155R12LT tubeless radial tires
	Cargo Box	Cargo Box: Polyurethane insulated material, single-side opposing doors
	Air Conditioning	Roof-mounted cooling and heating air conditioning system

WINNER-FDC-DR 1T 72V Configuration Table

Electrical System	Electronic Control System	72V-350A Fully Intelligent Controller Brand: Inbol		
	Battery	72V-6V 200Ah × 12 units (Maintenance-free high-capacity batteries) Brand: Tianneng		
	Motor	5KW Three-Phase Asynchronous AC Motor Brand: Depuda		
	Charger	Aviation Aluminum Intelligent On-board Charger Auto power-off when fully charged		
	Charging Time	Charging Time: 6 - 8 hours (at 80% discharge rate)		
Technical Specifications	Charging Input Voltage	220V		
	Length × Width × Height (mm)	4200*1470*2000	Braking Distance	≤5m
	Cargo Compartment Dimensions (mm)	1800*1470*1300	Rated Passenger Capacity	5
	Payload	1000kg	Maximum Travel Speed	30km/h
	Front/Rear Track	1235/1235mm	Maximum Gradeability	20%

	Wheelbase	2140mm	Minimum Turning Radius	5m
	Minimum Ground Clearance	150mm	Driving Range	100-120km
Body System	Seats	Front Row Seats (1+1 configuration, leather + high-resilience PU, beige seats)		
	Body	Carbon steel frame (Q235) / Sheet metal body / ABS engineering plastic molded dashboard		
	Instrument Panel	LCD instrument display (showing voltage, current, speed, mileage, lighting, forward/reverse signals, etc.)		
	Rearview Mirror	Wide-view adjustable manual exterior rearview mirrors		
	Lighting & Signals	High-brightness LED headlights, turn signals, taillights, brake lights, reverse lights, and electric horn		
	Audio System	Premium car audio with MP3 player, professional speakers, and USB port		
	Switches	Ignition switch, combined light/wiper switch, forward/reverse switch		
	Doors	Removable carbon steel doors (Q235) with built-in tempered glass sliding windows		
	Frame	Welded carbon steel frame (Q235) with high-temperature anti-rust powder coating		
	Steering Wheel	Luxury polyurethane foam steering wheel		
Chassis System	Powertrain System	Automatic transmission / CVT system		
	Steering System	Rack and pinion steering (automatic clearance compensation) + EPS power steering		
	Front Axle & Suspension	MacPherson independent front suspension		
	Rear Axle & Suspension	Integrated rear axle / aviation aluminum differential assembly / high-strength leaf springs / tubular hydraulic shock absorbers		
	Braking System	Front disc / rear drum hydraulic brakes, dual-circuit braking, parking brake, brake booster		
	Wheels	Aluminum alloy wheels + 155R12LT tubeless radial tires		
	Cargo Box	Cargo Box: Polyurethane insulated material, single-side opposing doors		
	Air Conditioning	Roof-mounted cooling and heating air conditioning system		