

WINNER-GC-F 2S+2S Two rows 4-seater configuration table



Main technical parameters	Rated capacity	4 persons	Vehicle weight (including battery)	520Kg
	Length × Width × Height	2930*1200*1950mm	running speed	25-30km/h (adjustable)
	driving range	130km	Safe climbing slopes	≤20%
	wheel base	1710mm	minimum turning radius	5m
	front gauge	950mm	Minimum ground clearance	142mm
	rear track	1030mm	braking length	4m
Electrical parameters	drive-by-wire	summary	Enpower AC intelligent controller with strong climbing ability, anti-reverse on the slope, speed limit on the downhill, brake or reverse energy feedback control to improve the driving range of the vehicle	
		Voltage (DC/V)	72V	
		Maximum output current (AC/A)	400	
		Rated output current (AC/A)	120	
		Working ambient temperature range	-30 °C ----55 °C	
		levels of protection	IP65	
		productiveness	98%	
		cooling-down method	natural cooling	
		Motor control method	Vector control with speed sensor	
		communication mode	CAN communication	
	any power-generating or power-driven machine	summary	Asynchronous AC motor, high efficiency and energy saving, no speed adjustment, aluminum shell fully sealed, good heat dissipation effect, high output efficiency, overload/slope climbing ability. Maintenance free.	
		Voltage and power (V/kw)	72V/5kw	

		Rated current (A)	82
		Rated speed (r/min)	3000
		Maximum speed (r/min)	6000
		character of service	S2-60min
		insulation grade	H
		cooling-down method	natural cooling
		Efficiency (100% load)	85
	cell	summary	Lithium iron phosphate lithium battery has long service life and excellent performance of high current discharge.
		model	150ah
		capacity	72v150Ah
		Battery voltage and capacity (V/Ah)	72v150ah
		Storage capacity (KWH)	72v*150Ah=10.8
	charging generator	The computerized intelligent car charger takes about 7-8 hours to charge fully, and has the function of automatic power-off protection after full charge. The charging input voltage is 220V, and the protection class is IP67.	
	DC voltage converter	High power isolated DC converter, 72V/12V-300W.	
	Front fenders and wipers	Fold the acrylic front panel.	
	batholith	Overall beam + electrophoretic spray plastic process.	
	body of car	Full vehicle steel structure chassis injection-molded body. Front bumper	
	rearview mirror	There is a foldable external rearview mirror on each side, which can be manually adjusted.	
	seat	Cold foam high rebound sponge, luxury headrest seat, rear folding seat.	
	floor board	High wear resistance, easy to clean, rustproof custom non-slip floor.	
	instrument desk	The instrument panel is molded with special PP material, including voltage meter, ammeter, instrument indicator light, electric lock switch and combination switch. The 10.1-inch Carply multimedia screen is equipped with rearview camera.	
	Lighting and signage	Headlights, turn signals, parking lights, taillights, and horn. Starry roof, four 6.5-inch color speakers, and a long speaker.	
	steering system	Gear rack steering system, automatic gap compensation function.	
	brake assembly	Front disc rear hub four wheel hydraulic brake + parking.	
	Front suspension system	McFarlane independent suspension.	
	Posterior suspension system	Semi-floating rear axle.	
	Tires and rims	14-inch off-road vacuum tire, aluminum alloy wheel hub.	
	remarks	Aluminum alloy all-in-one pedal	