

WINNER-GC-XXK 4S+2S Three-row 4+2-seater Configuration Table



primary TECHNICAL PARAMETERS	rated crew	6 people	Total vehicle weight	570kg
	Length x Width x Height	3670 × 1300×2030	running speed	28km/h
	Continued mileage	100km	safe slope	≤20%
	wheel base	2470mm	minimum turning radius	6m
	front gauge	1000mm	minimum ground clearance	230mm
	rear track	1005mm	braking length	4m
Electrical parameters	electrical control	summary	The Enpower AC Intelligent Controller delivers exceptional hill-climbing performance with anti-reverse functionality on slopes. It provides downhill speed limitation and brake/reverse energy recovery control to maximize vehicle range.	
		Voltage (DC/V)	60V	
		Maximum output current (AC/A)	400	
		Rated output current (AC/A)	120	
	electrical control	Working environment temperature range	-30℃ --- -55℃	
		levels of protection	IP65	
		productiveness	98%	
		cooling-down method	natural cooling	
		motor control method	Vector Control with Velocity Sensor	
		communication mode	CAN communication	
	any power-generating or power-driven machine	summary	Asynchronous AC motor, high efficiency and energy-saving, infinitely variable speed, aluminum shell with full sealing, excellent heat dissipation, high output efficiency, strong overload/step-up capability. Maintenance-free.	
		Power (V/kW)	60V/3.5kw	
		rated current (A)	72	

		Rated speed (r/min)	1800
		Maximum speed (r/min)	4800
		character of service	S2— 60min
		insulation grade	H
		cooling-down method	natural cooling
		Efficiency (100% load)	85
	Battery	summary	Brand lead-acid battery, long service life, safe and stable, excellent performance of high current discharge.
		model	100ah
		capacity	60v100Ah
		Battery pack voltage and capacity (V/ah)	60v100Ah
		Storage capacity (kWh)	60v*100Ah =6
	charging generator	The computerized in-vehicle charger requires approximately 7-8 hours to fully charge and features automatic power-off protection. It operates at 220V input voltage with IP67 protection rating.	
	DC voltage converter	High-power isolated DC converter, 60V/12V-300W.	
	Front windshield and wipers	Acrylic front windshield.	
	batholith	The integral steel structure frame + electrophoresis anti-rust process, hardening spray.	
	body of car	The vehicle is made of steel frame, injection molding body, front bumper.	
	rearview mirror	One manual adjustable and foldable exterior rearview mirror on each side.	
	seat	Quilted Embroidered Knitted Luxury Seat with Headrest, Foldable Rear Seat, and Safety Belt	
	floor board	Patterned aluminum flooring	
	instrument desk	Specialized PP material injection molding dashboard, including voltmeter, instrument indicator lights, electric lock switch, combination switch, multimedia large screen, reverse camera, and fog lights.	
	Lighting and signaling	Front lighting, turn signals, reverse lights, rear taillights, and horn.	
	steering system	Gear rack steering system with automatic clearance compensation function.	
	brake assembly	EPB	
	front suspension	The front double wishbone independent suspension.	
	rear suspension system	suspended rear axle	
	Tire Hub	14-inch aluminum alloy wheels	
	custom made	pigment , LOGO.	