

## WINNER-GC-GL Two-row 4-seater Golf Cart Configuration Table



<b>Key technical parameters</b>	Rated capacity	4 people	(including battery -Total vehicle weight )	650Kg
	Length x Width x Height	3100*1300*2000mm	Running speed	25-30 km/h (adjustable)
	Driving range	100km	Safe slope	≤20%
	Wheel base	2470mm	Minimum turning radius	6m
	Front gauge	950mm	Minimum ground clearance	142mm
	Rear track	1030mm	Braking length	4m
<b>Electrical parameters</b>	Drive-by-wire	Summary	The Enpower AC Intelligent Controller features strong hill-climbing capability, anti-reverse control on slopes, speed limitation during downhill, and brake or reverse energy feedback control, extending the vehicle's driving range.	
		Voltage (DC/V)	60V	
		Maximum output current (AC/A)	400	
		Rated output current (AC/A)	120	
		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.	
Voltage and power (V/kW)		60V/3.5kw		

		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	Lithium iron phosphate battery has long service life and excellent performance in 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 charges fully in 7-8 hours and features automatic power-off protection. It operates at 220V with IP67 protection rating.		
	DC voltage converter	High-power isolated DC converter, 60V/12V-300W.		
	Front windshield and wipers	Folding acrylic windshield.		
	Batholith	The whole beam + electrophoresis process + hardening spray coating.		
Body of car	Full-steel frame with injection-molded body. Front bumper. (Includes carbon fiber-inspired guardrails, wheel arches, rear storage compartment, front and rear bumpers, and backrest shell)			
Rearview mirror	A foldable exterior rearview mirror with manual adjustment on each side.			
Seat	Cold foam high rebound sponge, luxury imitation leather belt adjustable armrest headrest seat.			
Floor board	Custom anti-slip flooring with high wear resistance, easy cleaning, and rust-proof properties.			
Instrument desk	Specialized PP material injection molding dashboard (carbon fiber imitation), including voltmeter, instrument indicator lights, electric lock switch, and combination switch. 10. 1-inch vertical multimedia display, rearview camera, and electronic one-touch start.			
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	The front disc and rear hub four-wheel hydraulic brake + parking.			
Front suspension	The front MacPherson independent suspension.			
Rear suspension system	Semi-suspended rear axle.			
Tire Hub	14-inch off-road vacuum tires with aluminum alloy wheels.			
Custom made	Color, LOGO.			
Remarks	Back storage basket Long strip speaker Double-layer injection molding starry ceiling 46.5-inch speakers Long strip interior rearview mirror Wireless charging			