

WINNER-GC-E 4S Two-row 4-seater Golf cart specification table



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|--------------------------|--|---------------------------------------|---|------------------------|
| Key technical parameters | rated crew | 4 people | Total vehicle weight (including battery) | 650Kg |
| | Length × Width × Height | 3100*1300*2000mm | running speed | 25-30km/h (adjustable) |
| | driving range | 100km | safety slope | ≤20% |
| | wheel base | 2470mm | minimum turning radius | 6m |
| | front gauge | 950mm | minimum ground clearance | 142mm |
| | rear track | 1030mm | braking length | 4m |
| Electrical parameters | 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, enhancing 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°C----55°C | |
| | | 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 | The asynchronous AC motor is high efficiency and energy saving, with stepless speed control, full sealing of aluminum shell, good heat dissipation, high output efficiency, strong overload and climbing ability, and maintenance-free. | |
| | | Voltage and power (V/kW) | 60V/3.5kw | |

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|--|-----------------------------|---|---|
| | | 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 |
| | cell | summary | Lead-acid Battery, Long Life, Superior High Current Discharge Performance |
| | | model | 100ah |
| | | capacity | 60v100Ah |
| | | Battery pack voltage and capacity (V/Ah) | 60v100ah |
| | | Storage capacity (kWh) | 60*100Ah=6 |
| | charging generator | The computerized vehicle-mounted charger charges the battery in 7-8 hours and has automatic power-off protection after full charge. 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 | Folding acrylic front windshield. | |
| | batholith | The whole beam + electrophoresis process + hardening spray coating. | |
| | body of car | The vehicle features a steel frame with an injection-molded body, including a front bumper. The exterior includes carbon fiber-inspired guardrails, wheel arches, a rear storage compartment, front and rear bumpers, and a rear bumper shell. | |
| | rearview mirror | A manually adjustable, foldable exterior rearview mirror on each side. | |
| | seat | Cold foam sponge with high rebound, luxury imitation leather seat with adjustable armrest and headrest. The backrest has a water cup holder and armrest with three-point seat belt. | |
| | 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), featuring 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 signal | Front lights, turn signals, reverse lights, rear lights, horn. | |
| | steering system | Gear rack steering system with automatic gap compensation function. | |
| | brake assembly | Front disc, rear hub, four-wheel hydraulic brake and parking brake. Aluminum alloy integrated accelerator and brake pedal. | |
| | front suspension system | The front suspension is MacPherson independent. | |
| | rear suspension system | semi-floating rear axle. | |
| | tire hub | 14-inch off-road vacuum tires with aluminum alloy wheels. | |
| | custom made | pigment 、 LOGO. | |
| | remarks | post storage basket Long Strip Speaker Double-layer injection-molded starry ceiling 46.5-inch speakers long strip interior rearview mirror wireless charging | |