



Glory Solar
Motor

Solar Power Car EM3 Specification



Specification

Solar Powered Car - EM3

Solar Power System		Solar Power System for Cars (with MiaSolé 300W Flexible Thin-Film Solar Module)	
Model		Standard	Luxery
Seats		5	
Dimensions (mm)		3180*1495*1720	
Wheelbase (mm)		2100	
Weight (kg)		873/1150	
Performance			
Type of Electric Motor		DC permanent magnet synchronous motor	
Battery Type		26800 Ternary lithium battery	
Drive Type		Rear-engine Rear-drive	
Transmission		Fixed transmission ratio	
Maximum Power (kw)		15	
Maximum Torque (N·m)		80	
Battery Energy (kWh)		10	
Solar Battery (W)		300	
Maximum Speed (km/h)		≥85	
Maximum Gradient		≥20%	
Mileage (km, 60km/h)		150	
Mileage (km, Comprehensive condition)		120	
Charging Time (h)	Slow	8~10 Hours	
	Quick	○ (2)	
Core Components Warranty (Battery、Motor、Controller)		8 Years or 120 Thousand Kilometer	
Driving Mechanism			
Front/Rear Suspension System		McPherson independent suspension / Towed Arm Non-Independent Suspension	
Front/Rear Brake System		Disc brake / Drum brake	
Steering System		Mechanical Power Steering	Electric Power Steering
Tire Specification		165/70 R13	
Wheel Rims		Steel Wheel Rims	Aluminum Alloy Wheel Rims
Minimum Ground Clearance (mm)		182	
Minimum Turning Radius (m)		4.7	
Vehicle Configuration			
Overhead Antenna		●	
Rear Combined Taillights		●	
LED High Brake Lights		●	
Headlight Adjustable		●	
LED DRLS		-	●
Wind Screen Wiper		●	
Digital Dashboard		●	
Fabric Seat		●	
Seats adjustable (Driver/ Passenger)		●	

Driving Experience		
3 Stage Gear Knob / 2 Paddles		•
Standard/Economic Driving Mode + Brake Energy Recovery		•
Modern sub-instrument	–	•
Adjustable independent headrest		•
Remote Keys	–	•
A/C		•
A/C Filtration System		•
Bass Speaker + AUX USB		•
Power Windows		•
Driver side One-click windows control		•
Sunshade with makeup mirror + roof armrest		•
Manual Anti-Dazzling Mirror		•
Reading Lights		•
Charging Indicator + Danger Warning Flash Point		•
12V Power Outlet		•
Safety		
High Strength Bearing Body + Front/Rear High Strength Safety Anti-Collision Beam		•
Electric chassis		•
Safety Design Power Battery/IP67 Waterproof		•
ABS+EBD+ Mechanical Pull-Lock Parking Brake		•
Seat Belt Reminder		•
Central Lock + Passenger Door Children Lock	–	•
System Failure Indicator		•
Low Power Indicator		•
ISOFIX		•
Electronic body anti-theft system, mechanical anti-theft		•
Home Lameness Safety Mode		•
Technology		
Radio		•
MP3	•	–
8 Inch Central Control Screen	–	•
Mobile Connection: Carlife Feature	–	•
Bluetooth	–	•
Multimedia Entertainment System	–	•
Smart System (T-box)		•
Unlocking Car via APP		•
Vehicle Status via APP		•
Car Finding Function via APP		•
Diagnostic Function via APP		•
Charger		
Quick Charger Socket	○	○
Slow Charger Socket		•
Household Power Charge Lead		•
Tools		•