



**PILOT CAR**  
ELECTRIC VEHICLES

**PC**



*Black*



*White*



*Midnight Blue*

**LITHIUM ION**  
**POWERED**

# STREET LEGAL LOW SPEED VEHICLE



**PERFORMANCE**  
Max. Speed 25 mph



**SAFETY STANDARDS**  
Meets FMVSS 500 and SAE  
Performance & Safety Standards



**RANGE**  
34 mi



**"0" EMISSION**  
100% Electric

State and/or local laws, rules or ordinances may require the consumer to add additional equipment or features for legal on-road usage.

**BACKUP CAMERA**



**2-POINT SEAT BELTS**



**REAR & SIDE MIRRORS**



**3RD BRAKE LIGHT**



**10" MEDIA SYSTEM & INDUCTIVE PHONE CHARGER**





## STANDARD EQUIPMENT

With its automotive-grade robust chassis and advanced technological features, Pilotcar, a masterpiece of European engineering, will redefine your driving experience.

- 6 kW AC Motor
- Regenerative Brake
- 450A Control Unit
- Hill Start Assist
- Color Matched Suntop
- Onboard Charging Unit
- Acoustic Vehicle Alerting System (AVAS)
- Electronic Parking Brake
- High Corrosion-Resistant Chassis
- Polycarbon Foldable Windshield

## ACCESSORIES



### SECURITY GLASS WINDSHIELD WITH WIPER

Security glass provides enhanced safety, superior protection against impacts and durability, with a windshield wiper to ensure clear visibility in adverse weather conditions.



### ALUMINUM CARGO BOX

A large, sturdy cargo box perfect for storing luggage, tools, beach gear, or other items to bring along for the journey.



### SIDE STEP

The Side Step provides ease of access and added convenience while enhancing the vehicle's functionality and style.



### OFF-ROAD TIRES

Off-road tires deliver exceptional traction and durability, designed to conquer challenging terrains with ease and reliability.

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information  
about Pilotcar.



## PC-2: TECHNICAL SPECIFICATIONS

	<b>POWER</b>	ELECTRIC-48 V (AC)
	<b>Motor Power AC</b>	6 kW (8.20 hp) Rated, 12.46 kW (16.95 hp) Peak
	<b>Battery</b>	UN38.3 compliant Lithium Battery Package (5.4 kWh / 105 Ah)
	<b>Charge Unit</b>	Onboard Charge Unit 110-220 VAC@12A/9.5A 18A/48V
	<b>Motor Control Unit AC</b>	450 A
	<b>ELECTRICAL SYSTEM</b>	
	<b>Motor</b>	48 V AC induction 3-phase high efficiency motor
	<b>Electronic Control Unit</b>	48 V high current capacity and protected programmable control unit
	<b>Charger</b>	48V-18A , 93% efficiency, programmable, current protection, onboard charge unit
	<b>Vehicle Harness</b>	Automotive-grade harness with IP67-rated protected connectors, high temperature and current resistance
	<b>STEERING &amp; SUSPENSION SYSTEM</b>	
	<b>Steering</b>	Self-compensating, double reduction, no lubrication required, helical rack and pinion
	<b>Suspension Front</b>	Fully independent, automotive type, McPherson style strut suspension
	<b>Suspension Rear</b>	Semi independent, swing arm with coil springs over hydraulic shock absorbers
	<b>BRAKE SYSTEM</b>	
	<b>Service Brake</b>	4-wheel hydraulic disc brake system
	<b>Parking Brake</b>	Electromagnetic parking brake
	<b>BODY &amp; CHASSIS</b>	
	<b>Body</b>	Naturally colored Thermoplastic ABS White, Midnight Blue, Black
	<b>Chassis</b>	Automotive style steel frame with high corrosion resistance Sanding/E-coating/Static Wet Paint/ PVC Coating that meets ISO 9227 and ASTM B117 testing standards
	<b>PERFORMANCE</b>	
	<b>Max. Forward Speed</b>	25 mph
	<b>Max. Reverse Speed</b>	5 mph
	<b>Range</b>	5.4 kWh (105 Ah) Lithium Battery Package - 34 mi (When driven on a flat track)
	<b>Max. Gradeability</b>	25%
	<b>Charge Time</b>	5.4 kWh (105 Ah) Lithium Battery Package 80% - 3 hrs   100% - 5 hrs
	<b>Turning Radius</b>	9.8 ft
	<b>GENERAL</b>	
	<b>Curb Weight</b>	Standard vehicle with Lithium Battery Package - 1241 lbs
	<b>Passenger Capacity</b>	2+2 Passenger
	<b>Load Capacity</b>	881 lbs
	<b>Tire Dimensions</b>	22 x 9.50-10 Off-Road Tire
	<b>DIMENSIONS</b> Standard Vehicle	
	<b>Length</b>	112.5 in
	<b>Width</b>	47.8 in
	<b>Height</b>	83.3 in
	<b>Wheelbase</b>	64.5 in
	<b>Ground Clearance</b>	10.3 in
	<b>WARRANTY</b>	
	<b>Warranty</b>	2 years full warranty (Except wearable items) 5 years limited warranty (Motor and motor control unit) 70% performance at min. 4000 cycles for lithium battery package (Applied only when all maintenance and repairs done by authorized dealers)