## SERIES L7e-CU - STREET LEGAL





# WEARE CONTINUING ON OUR PATH FOR A CLEANER FUTURE

Unfortunately, due to the widespread use of fossil fuels, the balance of nature is now deteriorating.

Global climate change endangers the life of living beings. That's why we're doing our part to ensure that future generations will have a cleaner world. As an important part of our business start-up, we produce environmentally friendly vehicles with "0" emissions that are 100% powered by electric motors.

For a world worth living in...

It makes us proud to produce vehicles that are trend-setting with environmentally friendly technologies. As PILOTCAR, we take environmental protection seriously and continue to produce technologies that benefit society.

This is our responsibility... We are the future.

## POWER MEETS WITH AESTHETICS

THE MOST POWERFUL, MOST PRACTICAL, MOST CHARISMATIC ...



#### P-1000 SERIES



#### HIGH PERFORMANCE

with its high-torque electric motor, this is the ideal vehicle for industrial use and tough terrain conditions.



With its functional interior design, it offers the driver a wide comfort zone, meeting all your needs with its in-cab equipment features.



#### HIGH QUALITY

Manufactured with quality materials and perfect workmanship, the P-1000 promises its driver a comfortable drive.



#### HIGH SECURITY

It is designed for the best protection of the cab in the event of a collision with its energy-absorbing, lightweight and robust body construction.



With its wide range of uses in all areas of business life, the P-1000 is the ultimate assistant you need in your business with its "0" carbon footprint, quiet operation, low operating costs and energy efficiency.



#### INDUSTRIAL AREAS

With its optional design, the P-1000 will be your greatest assistant in industrial areas. It will provide easy service in many areas such as industrial plants, shipyards, airports, postal and courier services with its dimensions, load-bearing capacity and various bed options.



#### **TOURISM**

You have a unique assistant in tourist areas like hotels, resorts and camping areas. You will feel the difference by its comfortable use and structure that is not afraid of load.



#### DELIVERY AND TRANSPORTATION

Its compact structure, compatible with city traffic, its superior climbing and maneuverability make it advantageous in all conditions as it can easily get into narrow streets.



#### AGRICULTURAL AREAS

PILOTCAR P-1000 series with its high-performance characteristics does not cause any trouble in flat or uneven terrain and does not tire you. It facilitates your work in warehouses, farmhouses, gardens, greenhouses and farmland.



#### **PUBLIC SERVICE**

The P-1000 leads the way in many public areas such as community administration services, hospitals, campuses, parks, green spaces and waste collection.



#### CLEANING AND WASTE COLLECTION

With its compact structure and superior maneuverability, it can easily enter places where large waste collection vehicles cannot enter, narrow streets and avenues, and areas that are closed to traffic.



**7-1000** CHASSIS

#### **SUITABLE FOR EVERY FIELD**

The P-1000 was built with innovative ideas and perfectionist technology. With its chassis version, the P-1000 offers the possibility of many body types according to the variable conditions and requirements to use in business life.



#### "0" EMISSION

It's both economical and environmentally friendly. We fulfill our responsibility to the world in which we live in order to protect our future with "0" emissions.



#### 100% ELECTRIC

With its 100% electric motor, the P-1000 shows its strength and durability.



## DESIGN FULFILLS THE LINES OF THE FUTURE

With its electrically powered motor, the P-1000 can be used comfortably in all ground and weather conditions. It has been tested and manufactured to carry your cargo smoothly in all conditions.



#### **SAFETY FIRST**

The P-1000 series brought a new style to electric vehicles in their category. It was developed for the toughest operating conditions with the principle of unsurpassed durability and maximum safety.

#### Optional Design

Beyond being "best in class", P-1000 is also your best business partner. With the chassis version, you simply decide what to do.



With its strong and durable chassis structure, the state-of-the-art electric motor with high torque and a trailer load of up to 2000 kg, the P-1000 can overcome all tough conditions.



P-1000 is on duty in all areas that you need. Working indoor, outdoor or limited space areas becomes easier and less tiring thanks to its modular structure and compact design.







#### **RANGE**

Maximum range 220 km



#### **LITHIUM - ION**

With the lithium-ion option, the P-1000 offers you a greater range.



#### **LOW CHARGING COST**

Thanks to the electric motor, charging costs are not a problem.



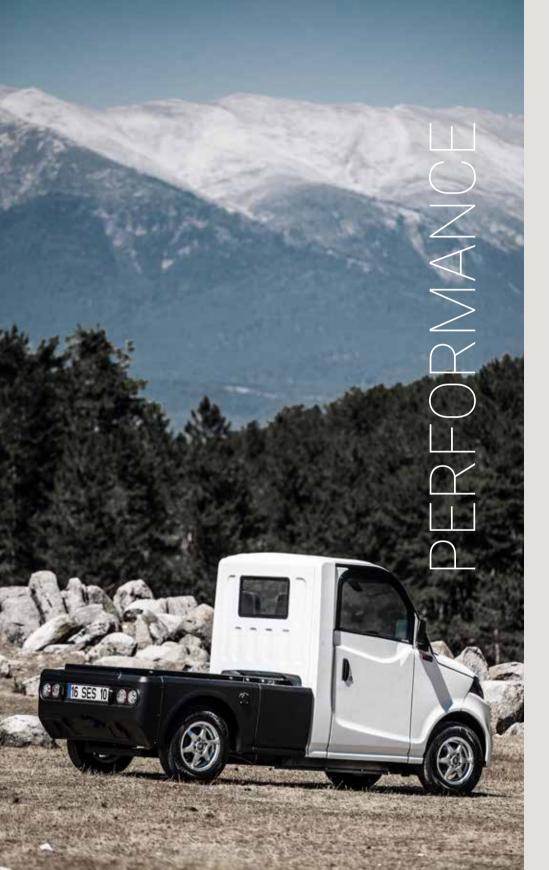
#### **MANEUVERABILITY**

With its compact dimensions and a turning radius of 4.6 m, it offers high maneuverability in the tightest of spaces.



SLOPE

\* (According to WLTP, with 26 kWh battery)



With its 100% electric motor, high torque and robust steel chassis, performance is its job.



L7e-CU Category



100% Electrical



"0" Emission



Max. Speed 50 km/h



Regenerative Brake System



Electronic speed adjustment with 2 different driving modes



#### **AIR CONDITIONING**

With its air conditioning system, the P-1000 significantly increases the driver's interior comfort and offers an optimal working environment under the toughest climatic conditions.



#### ELECTRIC POWERED STEERING SYSTEM

With its speed-adaptive electric powered steering system, P-1000 offers a safe drive and increases maneuverability in the most comfortable way.



#### MULTIMEDIA ENTERTAINMENT SYSTEM

A product of young and dynamic engineering, the P-1000 is designed to enhance your enjoyment of driving with its AM/FM Bluetooth-USB entertainment system and functional interior design.



OPEN CARGO BOX **P-1000** 

#### YOUR INDISPENSABLE ASSISTANT

The P-1000 shows its strength and durability with its 100% electric motor. It doesn't compromise load capacity, offers a safer drive and better handling.



#### QUIET

With its 100% electric motor and "0" carbon emissions, it causes no environmental and noise pollution.



#### **LOAD CAPACITY**

With a load capacity up to 1000 kg, it can easily handle daily tasks.



## FEEL THE POWER

With its charismatic and confident demeanor, the P-1000 will be your indispensable assistant in business life.



With its load capacity and practical loading features, the P-1000 offers ease of use in all areas of life.

With its 100% electric motor and superior handling, the P-1000 is the leader of its class. Wherever the roads take you, you will be in full control.

#### We are the Future...

The lines of the future met creative engineering. The stylish P-1000 was designed in every detail to show strength and durability.

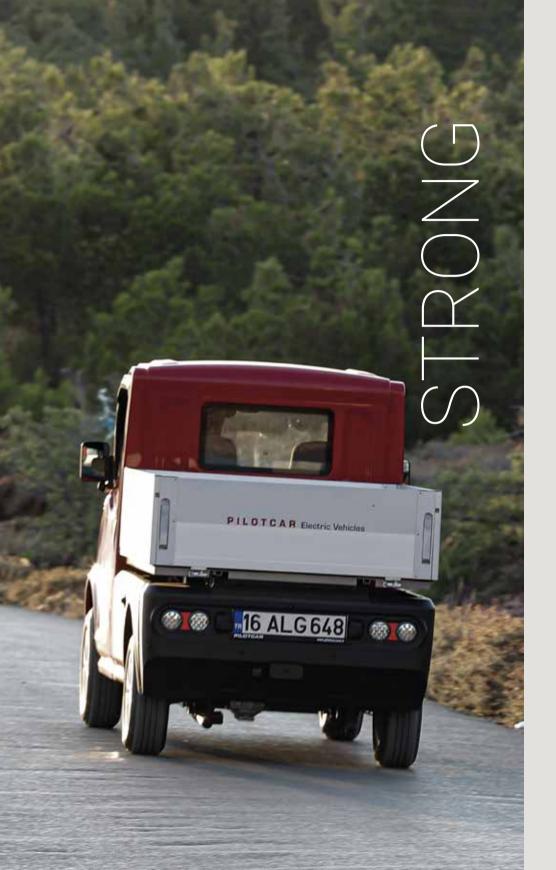


With its compact dimensions, loading & unloading organizations will no longer be a problem.



Its high-performance electric motor and functional structure equipped with advanced technology allow you to successfully carry out operational tasks.





With a trailer load of 2000 kg and a load capacity of up to 1000 kg, the P-1000 can easily handle the most difficult tasks. Thanks to the practical housing functions, loading and unloading is much easier.



L7e-CU Category



100% Electrical



"0" Emission



Max. Speed 50 km/h



Maximum Loading Capacity 1000 kg



Regenerative Brake System



#### **AUXILIARY HEATING**

With auxiliary heating, driving comfort is not impaired in the harshest winter conditions.



#### DIGITAL VEHICLE INFORMATION DISPLAY

All information you need about the vehicle is displayed on digital vehicle information screen.



#### **TOW HITCH**

Test the high pull capacity with tow-hitch option of P-1000.



**7-1000** CARGO

#### **JUST IN TIME**

Your experienced new colleague is right outside your door, just in time.



#### **SPEED**

With a speed of 50 km/h and the practical loading and unloading functions, it saves time.



#### **LOADING VOLUME**

With a loading capacity of up to 2.5 m<sup>3</sup>, it will be indispensable for the logistics industry.



### DYNAMIC DRIVE

Prepare for a quiet and dynamic drive with 100% electric motor!



#### A Revolution in Transport

The P-1000 is ideal for all types of logistic work with its safe structure that makes loading and unloading easier, a loading volume of 2,5 m<sup>3</sup> and high maneuverability.

## Designed to deliver the cargo as soon as possible.

With its "0" emission structure and quiet and comfortable driving features, your work in city traffic is much more easier.



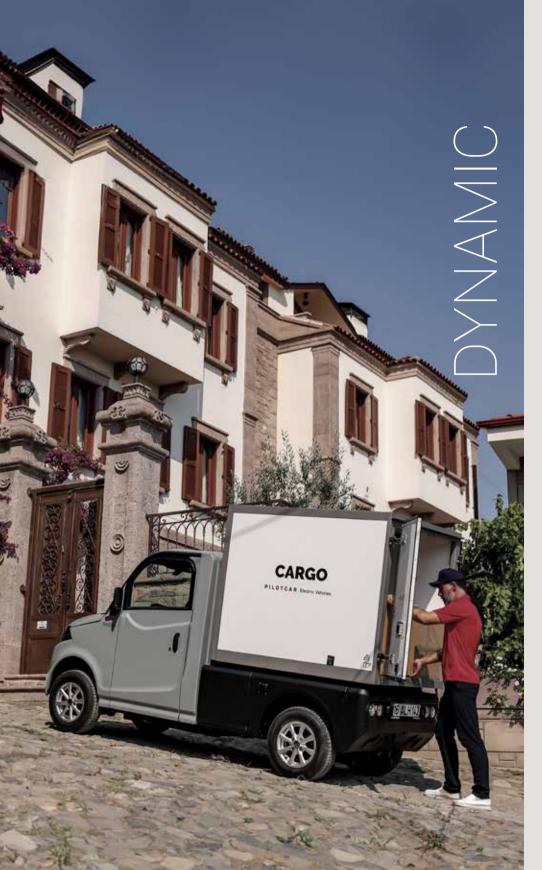
#### **CARGO BOX**

To facilitate the loading and unloading of shipments, it offers ergonomic solutions with its double-wing door at the rear and a sliding door on the side.



The P-1000 is there in all areas that you need. With a turning radius of 4.6 m, your work is easier thanks to the modular structure and compact design in indoor or outdoor work areas as well as in limited work areas.





It is the fastest in its class with its high load capacity, ability to easily navigate narrow streets, excellent maneuverability and dynamic structure.



L7e-CU Category



100% Electrical



"0" Emission



Max. Speed 50 km/h



Max. 2.5 m³ Loading Volume



Regenerative Brake System



#### **PRACTICAL**

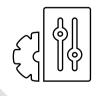
All functional features have been completely tailored to the needs of the logistics and freight industry.

Save time with practical loading and unloading functions.



#### **TECHNOLOGICAL**

The P-1000 was specially developed for the expectations of the driver and will delight you with its technological equipment.



#### **SPEED MODES**

Maximize your performance with 2 different speed modes depending on the road conditions.



MESH CARGO BOX **7-1000** 

#### YOUR GREATEST ASSISTANT

Distinguished by its functionality and ease of use, the P-1000 is there for you in all conditions and with every load.



#### CONVENIENT LOADING & UNLOADING

cage doors on 3 sides, loading and unloading is now much more convenient.



#### **LOADING VOLUME**

With a loading capacity of up to 2.5 m<sup>3</sup>, the P-1000 handles not only highvolume cargo, but also combines reliability and stunning performance.



## ROBUST AND STRONG

With its durable chassis design and high performance, it handles demanding cargo carrying tasks smoothly, and offers a comfortable drive to its driver.



#### Increased Transport Performance

The P-1000 is designed to boost your business performance and optimize your transport processes.

Picking the P-1000 for your work, you'll discover the perfect combination of reliability and performance.

Setting off with the P-1000 not only boosts your performance, but also turns your transport experience into a joyful adventure.



Its functional design ensures smooth loading and unloading, while the structure of the mesh style cargo box helps you to keep the cargo transport process under control.



With a turning radius of 4.6 m, the P-1000 offers a much more practical and more dynamic performance in a variety of working environments.





capabilities meet all the challenges

25% SLOPE

you may face.

#### **COMFORT AND SAFETY**

No snowy roads, rainy days or muddy terrain can stop you thanks to its reliability and durability.



#### **ENHANCED SUSPENSION AND** DRIVERCENTERED IN-CAB SPACE

The P-1000 offers smart and seamless flexibility around your needs.



#### YOUR PRODUCTIVE ASSISTANT

At every detail, the P-1000 promises a drive full of power and dynamism.



Enjoy working safely in all seasons thanks to the power of its compact, four-wheeled design.



L7e-CU Category



100% Electrical



"0" Emission



Max. Speed 50 km/h



Max. 2.5 m³ Loading Volume



Regenerative Brake System



#### **HIGH BATTERY CYCLE**

High-performance lithium battery pack with up to 4000 cycles.



#### **IMMOBILIZER**

Your safety starts with the key of this vehicle. Build a shield with the immobilizer system!



#### **3-SIDE OPENING COVERS**

Manage loading and unloading from any angle.



**P-1000** WASTE TIPPER



#### ITS JOB IS ONLY TO CLEAN

It's designed to keep the air we breathe clean, because it is 100% electric and "0" emission. In addition, you will not be exposed to any noise.

A Cleaner Future

garbage collection areas.

The garbage collector P-1000 drives easily into the narrow streets of the city or anywhere that large garbage collection vehicles cannot enter.

It can dump the garbage it collects into the receptacle of a larger garbage truck or into



#### WASTE COLLECTION VOLUME

It will be the city's cleaning expert with a 2m³ fixed waste collection volume and the practical technological equipment that will facilitate garbage collection.



#### **BATTERY**

Always on Duty...

to private sector investments.

The P-1000 waste collection vehicle has been

designed and developed to meet the needs of modern urban life and has been manufactured for a wide variety of fields from public services

P-1000 is offered with lithium-ion battery package for long life service.





#### **SUITABLE FOR** THE TEXTURE **OF THE CITY**

With its quiet and compact structure for urban cleaning work, it does its job without disturbing anyone.



25%



#### **STRONG LIGHTING**

The P-1000 illuminates the darkness of the night with halogen high beam headlights, LED daylights and taillights.



#### REAR VIEW CAMERA

Thanks to its rear view camera, it makes maneuvering easier in confined spaces.



#### REGENERATIVE BRAKE

As soon as you take your foot off the accelerator, the P-1000 charges your batteries and slows down comfortably thanks to the regenerative brake system.



Make your work easier with PILOTCAR technology.

When you get behind the wheel of the P-1000, it's easy to decide where to clean. The rest is its job.



#### **ECOLOGICAL**

The P-1000 does not pollute when cleaning. With its "0" carbon emission, it not only cleans the environment but also combats air pollution.



L7e-CU Category



100% Electrical



"0" Emission



Regenerative Brake System



Max. Speed 50 km/h



Hydraulic Dump System



With Garbage Container Tipping Device



2 m³ collection volume



#### **AC MOTOR**

Thanks to the environmentally friendly, maintenancefree AC motor of the P-1000, there is no loss of performance



#### **OPENING SIDE COVERS**

In the waste collection box P-1000, all details were taken into account down to the smallest detail. There is an opening lid system on both sides of the case to make it easier to load smaller trash.



**P-1000** COMPACTOR



#### MOST EFFICIENT ASSISTANT

You can now tackle the most difficult tasks with a great partner.



Smart Design

Minimal in size, big in impact!.

#### More Space...

The most effective solution for maximizing environmental awareness as well as creating more usable space with the ability to work effectively in tight spaces...



#### 100% ELECTRIC

Specifically designed to assist your business in achieving its sustainability goals.



#### **MORE WORK WITH LESS**

You will be amazed at what they can do for their size.





#### **EASY CHARGING**

Easy charging with 220V city mains at your workplace



25% SLOPE

#### P<u>n/∆</u> Parking sensor

Protects you from potential collisions, making your driving experience safe and smooth.



#### REAR VIEW CAMERA

Parking is no longer a problem thanks to its rear view camera.



#### $\leftarrow$ $\rightarrow$ EASY-TO-OPEN / CLOSE

Easy-to-open/close doors make waste management more efficient and user-friendly.



The P-1000 Compactor simplifies the waste emptying process with a quick and convenient access, thus allowing you to save time and make your work cleaner and more organized.



L7e-CU Category



100% Electrical



"0" Emission



Max. Speed 50 km/h



Max. 3.2 m<sup>3</sup> loading volume



Regenerative Brake System



#### **STUNNING PERFORMANCE**

Its handy design takes waste management one step further.



#### **FUNCTIONAL**

Its high functionality quickly compacts waste, thus saving storage space and providing an environmentally friendly solution.



#### **HIGH EFFICIENCY**

Its high loading capacity allows to process large quantities of waste at the same time, and thus saves time and workforce.











#### COMFORTABLE AND FUNCTIONAL

Designed to make your drive more comfortable with ample interior space and legroom.



#### **2-1000**

#### **CHASSIS**









В	Width	1350 mm	
D	Ground Clearance	185 mm	

	Length	3693 mm
;	Height	1800 mm
	Wheelbase	2462 mm
	Loading Height	825 mm

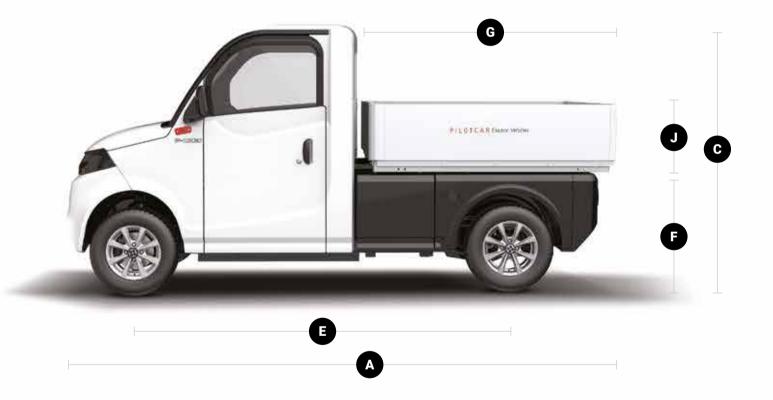
#### **OPEN CARGO BOX**







В	Width	1350 mm
D	Ground Clearance	185 mm
L	Cargo Box Width	1328 mm



Α	Length	3693 mm	F	Loading Height	880 mm
С	Height	1800 mm	G	Loading Platform Length	1625 mm
E	Wheelbase	2462 mm	J	Cargo Box Height	430 mm

#### **CLOSED CARGO BOX**







В	Width	1350 mm
D	Ground Clearance	185 mm
L	Cargo Box Width	1328 mm



4	Length	3693 mm	F	Loading Height	880 mm
•	Height	1800 mm	G	Loading Platform Length	1570 mm
•	Wheelbase	2462 mm	J	Cargo Box Height	975 mm

#### **MESH CARGO BOX**





В	Width	1350 mm
D	Ground Clearance	185 mm
L	Cargo Box Width	1328 mm



4	Length	3693 mm	F	Loading Height	833 mm
2	Height	2111 mm	G	Loading Platform Length	1625 mm
•	Wheelbase	2462 mm	J	Cargo Box Height	1295 mm

#### **WASTE TIPPER**











Length	3693 mm
Height	1900 mm
Wheelbase	2462 mm
Side Door Height	1518 mm

#### **7-1000**

#### COMPACTOR







В	Width	1350 mm
D	Ground Clearance	185 mm
L	Cargo Box Width	1328 mm



Α	Length	3693 mm	F	Loading Height	833 mm
С	Height	1946 mm	G	Loading Platform Length	1817 mm
E	Wheelbase	2462 mm	J	Cargo Box Height	1120 mm



TYPE APPROVAL  EU On-Road Type Approval			CHASSIS	OPEN CARGO BOX	CARGO	MESH CARGO BOX	WASTE TIPPER	COMPACTOR
EU On-Road Type Approval								
			L7e-Cu	L7e-Cu	L7e-Cu	L7e-Cu	L7e-Cu	L7e-Cu
PERFORMANCE								(3)
Max. Speed		[km/h]	50	50	50	50	50	50
Max. Slope		[%]	25	25	25	25	25	25
Max. Range (WLTP)								
	LiFePO4 10.8 kWh	[km]	80	80	80	80	80	80
	LiFePO4 14.4 kWh	[km]	130	130	130	130	130	130
	LiFePO4 28.8 kWh	[km]	220	220	220	220	220	220
WEIGHT-CAPACITY								KG
Passenger			1+1	1+1	1+1	1+1	1+1	1+1
Unloaded Vehicle Weight (UVW)	LiFePO4 10.8 kWh	[kg]	778	848	988	908	1449	928
	LiFePO4 14.4 kWh	[kg]	858	928	1068	988	1197	1008
	LiFePO4 28.8 kWh	[kg]	998	1068	1208	1128	1337	1148
Gross Vehicle Weight (GVW) (Max. weight for fully loaded vehicle)		[kg]	1870	1870	1870	1870	1870	1870
Maximum Chassis Load Capacity =(GVW-UVW)	LiFePO4 10.8 kWh	[kg]	1092	1022	882	500	300	300
	LiFePO4 14.4 kWh	[kg]	1012	942	802	500	300	300
	LiFePO4 28.8 kWh	[kg]	872	802	662	500	300	300
Towing Capacity (On-Road / Off-Road)		[kg]	250 / 2000	250 / 2000	250 / 2000	250 / 2000	N/A	250 / 2000

#### TECHNICAL SPECIFICATIONS

			CHASSIS	OPEN CARGO BOX	CARGO	MESH CARGO BOX	WASTE TIPPER	COMPACTOR
MOTOR-MOTOR CONTROL UNIT								H_D
System Voltage		[V]	48/AC	48/AC	48/AC	48/AC	48/AC	48/AC
Motor Nominal Power		[kW]	10	10	10	10	10	10
Motor Peak Power		[kW]	22	22	22	22	22	22
Max. Motor Torque		[Nm]	102	102	102	102	102	102
Motor Control Unit		[A]	CURTIS-600	CURTIS-600	CURTIS-600	CURTIS-600	CURTIS-600	CURTIS-600
BATTERY								
Battery Life Cycle	LiFePO4 10.8 kWh	[cycles]	4000	4000	4000	4000	4000	4000
	LiFePO4 14.4 kWh	[cycles]	4000	4000	4000	4000	4000	4000
	LiFePO4 28.8 kWh	[cycles]	4000	4000	4000	4000	4000	4000
Battery Charge Time	LiFePO4 10.8 kWh	[hrs]	4-6	4-6	4-6	4-6	4-6	4-6
	LiFePO4 14.4 kWh	[hrs]	6-8	6-8	6-8	6-8	6-8	6-8
	LiFePO4 28.8 kWh	[hrs]	8-10	8-10	8-10	8-10	8-10	8-10
TRANSMISSION								
Rear-Wheel Drive			S	S	S	S	S	S
Electronic speed variation w/ 2 modes		S	S	S	S	S	S	
SUSPENSION SYSTEM	1							<b>CHANNE</b>
FRONT: Double wishbone-type fully independent suspension system w/coil springs over hydraulic shock absorbers		S	S	S	S	S	S	
REAR: Semi-independent sur hydraulic shock absorbers w		s and	S	S	S	S	S	S



	CHASSIS	OPEN CARGO BOX	CARGO	MESH CARGO BOX	WASTE TIPPER	COMPACTOR
STEERING SYSTEM						
Reduced rotating, self-compensating, no need of lubricating rack and pinion type helical gear steering box	S	S	S	S	S	S
Electric Powered Steering (EPS)	S	S	S	S	S	S
BRAKE SYSTEM						
Servo Brake System	S	S	S	S	S	S
FRONT: Hydraulic disc brake	S	S	S	S	S	S
REAR: Hydraulic drum brake	S	S	S	S	S	S
Mechanical park brake w/ safety sensor	S	S	S	S	S	S
Regenerative Brake System	S	S	S	S	S	S
CHASSIS & CAB						HEAVY
CHASSIS: Automotive style heavy-duty steel frame with high corrosion resistance	S	S	S	S	S	S
CAB: Aluminum frame & painted RTM style body	S	S	S	S	S	S
TYRES & WHEELS						
165 R13C 94/92R (Summer)	0	0	0	0	0	0
165 R13C 94/92R (Winter)	0	0	0	0	0	0

#### STANDART & OPSİYONEL DONANIM

	CHASSIS	OPEN CARGO BOX	CARGO	MESH CARGO BOX	WASTE TIPPER	COMPACTOR	
CAB & COMFORT							
Digital Vehicle Information Screen	S	S	S	S	S	S	
Central Door Locking System w/ Remote Control	S	S	S	S	S	S	
Power Windows	S	S	S	S	S	S	
Windshield Wash System	S	S	S	S	S	S	
Sun Visors	S	S	S	S	S	S	
Fore-Aft Adjustable Driver-Passenger Seats w/ Integrated Headrests & Central Armrest	S	S	S	S	S	S	
n-Cab Lighting	S	S	S	S	S	S	
2-DIN AM/FM Bluetooth-USB Audio System	S	S	S	S	S	S	
12V-USB Port	S	S	S	S	S	S	
Electric Heater and A/C	0	0	0	0	0	0	
Diesel Heater	S	S	S	S	S	S	
Rear View Camera	S	S	S	S	S	S	
Parking Sensor	S	S	S	S	S	S	
COLOR							
White	S	S	S	S	S	S	
Red	0	0	0	0	0	0	
Yellow	0	0	0	0	0	0	
Orange	0	0	0	0	0	0	
Gray	0	0	0	0	0	0	

#### 7-1000

#### STANDART & OPTIONAL FEATURES

	CHASSIS	OPEN CARGO BOX	CARGO	MESH CARGO BOX	WASTE TIPPER	COMPACTOR
LIGHTING SYSTEM						
High-Low Beam Halogen Headlights w/ LED DRL	S	S	S	S	S	S
Rear Brake & Position LED Lights	S	S	S	S	S	S
LED Reversing Light	S	S	S	S	S	S
LED Beacon Light (Amber)	0	0	0	0	0	0
SAFETY						
3-point Seat Belts	S	S	S	S	S	S
Driver Seat Belt Sensor	S	S	S	S	S	S
Immobilizer	S	S	S	S	S	S
Steering Lock w/ Key	0	0	0	0	0	0
Horn	S	S	S	S	S	S
Reverse Buzzer	S	S	S	S	S	S
In-Cab Emergency Stop Switch	0	0	0	0	0	0
TOWING						
Towing Hitch	0	0	0	0	N/A	0
BATTERY						
LiFePO4 10.8 kWh	0	0	0	0	0	0
LiFePO4 14.4 kWh	0	0	0	0	0	0
LiFePO4 28.8 kWh	0	0	0	0	0	0

### PRODUCTION FACILITIES AND REPRESENTATIONS











#### **WARRANTY**



5 year warranty on motor and control unit



2 year full warranty

#### **TRUST**









ISO 14001:2015 ISO 9001:2015 ISO 45001:2015

#### **INFORMATION**

\*\*\* This catalog is for informational purposes only. The information provided herein can be changed without prior notice.

#### **AUTHORIZED SERVICES**



For our dealer distribution channels and authorized services:

www.pilotcar.com.tr



Our 24/7 team of experts is there for you if necessary!



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