



**PIAGGIO**  
COMMERCIAL



**Porter ElectricPower**

**PORTER**

# ElectricPower

## 100% ECOLOGICAL URBAN COMMERCIAL TRANSPORT

Since its debut in 1995, the Porter ElectricPower has been the benchmark for zero emissions commercial vehicles. Ideal for all transport, service and express courier applications in the urban environment, the Porter ElectricPower has now been revised with significant technical improvements. The new electric motor with separate energising circuit, together with the optimised control driver and signal transmission wiring and software, ensures increased smoothness and comfort: precise power control during starting and pickup, less heat generation, more efficient management of the available energy, and more indication of vehicle speed and other parameters necessary for vehicle management and maintenance.

### STRENGTHS

- Fully electric zero emissions vehicle perfect for the historic city centre
- Revised powertrain and control electronics for increased smoothness and comfort
- Available in all versions and bodystyles



# Porter ElectricPower



## ZERO EMISSIONS

Versatile and compact, the Porter ElectricPower is the ideal work partner for getting about the city centre with ease. Its advanced technology eliminates emissions entirely and cuts running costs considerably. And with its totally silent operation, the vehicle also contributes to reduce noise emissions.

## ZERO COMPLICATIONS

Drives just like a normal commercial vehicle; with an accelerator pedal, a brake pedal and a manual forward/reverse selector instead of a gearbox and clutch. Two operating modes - standard and economy - cater for all necessities. The technological heart of the vehicle consists of a powertrain with a direct current electric motor with separate energising circuit and an easily accessible battery pack.



# Versions



## DECK

- Load capacity up to 520 Kg
- "All flat" deck available in two lengths



## TIPPER DECK

- Load capacity: 450 Kg
- "All flat" deck with hydraulic tipper system and 45° tip angle



## CHASSIS-CAB

- The ideal base for outfitting with a huge range of special equipment variants



## VAN

- Load capacity: 470 Kg
- Load volume of over 3 m<sup>3</sup> with sliding doors on both sides as standard



## WINDOW VAN

- Load capacity: 430 Kg
- Four-seater goods-cum-passenger vehicle

## Technical Specifications

TECHNICAL SPECIFICATIONS		PORTER ElectricPower				
Engine	Separate excitation direct current brush engine					
Fuel system	Electric					
Nominal power	10.5 kW 96 Volt					
Nominal torque	55 Nm at 1,800 rpm					
Peak torque	215 Nm					
Operating current	124 A					
Insulation Class	F according to CEI 15 - 26					
Environmental Protection Rating	IP20					
Max speed	55 Km/h					
Max range (*According to WLTP homologation cycle)	up to 74 km					
TRACTION BATTERIES						
Type	Lead Gel					
Battery charger input voltage	220 V					
Rated capacity	17 kWh					
Battery charger type	On-board					
Battery charger power	2 kW					
Time for complete charge	8 hours					
Max recharge cycles (estimate)	800					
GEARBOX						
Type	Direct connection to the rear differential					
No. of ratios	Forward and reverse					
OTHER CHARACTERISTICS						
Maximum gradient fully loaded	18%					
Cooling system	Air					
DIMENSIONS		Chassis-cab	Deck Long	Deck Tipper deck	Van	Window van
Length (mm)	3,555	3,775	3,565	3,400	3,400	
Width (mm)	1,395	1,460	1,460	1,395	1,395	
Height (mm)	1,705	1,705	1,705	1,870	1,870	
Wheelbase (mm)	1,830	1,830	1,830	1,810	1,810	
Front overhang (mm)	880	880	880	880	880	
Rear overhang (mm)	845	1,065	855	710	710	
Front track (mm)	1,205	1,205	1,205	1,210	1,210	
Rear track (mm)	1,220	1,220	1,220	1,220	1,220	
Load deck (mm)	-	1,400x2,325	1,400x1,930	1,210x1,910	1,210x920	
MASSES AND LOAD CAPACITY		Chassis-cab	Long Deck	Tipper Deck	Van	Window van
PTT 1.8 t (kg)	*		520	450	470	430

\*dependent on limitations of special equipment configuration

## Colour Range



AZURE BAY



BLUE ACTION



ORANGE



RED SPRING



WHITE SILK

## Useful Numbers

You're never alone with the Piaggio Commercial Vehicle Service: your companion throughout your working day - you are always our number one priority

### CUSTOMER CARE

Piaggio Commercial Vehicles Customer Care: a service dedicated to identifying your desires and gathering your opinions

### ROADSIDE RECOVERY SERVICE

Piaggio Commercial Vehicles Roadside Recovery: a dedicated service that is always there when you need it, 24 hours a day

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QUALITY SYSTEM  
= ISO 9001 =

2 YEAR'S  
guarantee

as indicated in brochures



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MANAGEMENT SYSTEM  
= ISO 14001 =

2 YEAR'S  
roadside assistance

COMPANY WITH DNV-  
CERTIFIED SAFETY  
MANAGEMENT SYSTEM  
= OHSAS 18001 =

The manufacturer reserves the right to modify technical specifications and visual appearance without prior notice. Only original Piaggio spare parts offer a guarantee of quality and ensure that your vehicle continues to function as intended by the manufacturer.

DEALER'S STAMP



P/P-Electric 12/19



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