

Porter ElectricPower



ELECTRICPOWER



ElectricPower

100% ECOLOGICAL URBAN COMMERCIAL TRANSPORT

Since its debut in 1995, 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 540 Kg
- “All flat” deck available in two lengths, with dropsides and tailboard in steel or alloy



TIPPER BED

- Payload: 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

- Payload: 470 Kg
- Load volume of over 3 m³ with sliding doors on both sides as standard



WINDOW VAN

- Payload: 430 Kg
- Four-seater goods-cum-passenger vehicle

Technical Specifications

TECHNICAL SPECIFICATIONS		PORTER ElectricPower					
<i>Motor</i>	Brusa separate excitation continuous current						
<i>Fuel system</i>	Electric						
<i>Nominal power</i>	11 kW 96 Volts						
<i>Nominal torque</i>	55 Nm at 1,800 rpm						
<i>Peak torque</i>	215 Nm						
<i>Operating current</i>	124 A						
<i>Insulation Class</i>	(F) Tmax=100°C ±15°C						
<i>Environmental Protection Rating</i>	IP23						
<i>Max speed</i>	55 Km/h						
<i>Max range</i>	Up to 110 Km						
TRACTION BATTERIES							
<i>Type</i>	Lead Gel						
<i>Battery charger input voltage</i>	220 V						
<i>Nominal energy</i>	17 kWh						
<i>Battery charger type</i>	On-board						
<i>Battery charger power</i>	2 kW						
<i>Time for complete charge</i>	8 hours						
<i>Max. recharge cycles (estimate)</i>	800						
TRANSMISSION							
<i>Type</i>	Continuously variable transmission						
<i>No. of ratios</i>	Forward and reverse						
OTHER CHARACTERISTICS							
<i>Maximum gradient fully loaded</i>	18%						
<i>Cooling system</i>	Air						
SIZES	Chassis-cab	Short Deck	Long Deck	Tipper Bed	Panel Van	Window Van	
<i>Length</i>	3,555 mm	3,420 mm	3,775 mm	3,565 mm	3,400 mm	3,400 mm	
<i>Width</i>	1,395 mm	1,395 mm	1,460 mm	1,460 mm	1,395 mm	1,395 mm	
<i>Height</i>	1,705 mm	1,705 mm	1,705 mm	1,800 mm	1,870 mm	1,870 mm	
<i>Wheelbase</i>	1,830 mm	1,830 mm	1,830 mm	1,830 mm	1,810 mm	1,810 mm	
<i>Front overhang</i>	880 mm	880 mm	880 mm	880 mm	880 mm	880 mm	
<i>Rear overhang</i>	845 mm	710 mm	1,065 mm	855 mm	710 mm	710 mm	
<i>Front track</i>	1,205 mm	1,205 mm	1,205 mm	1,205 mm	1,210 mm	1,210 mm	
<i>Rear track</i>	1,220 mm	1,220 mm	1,220 mm	1,220 mm	1,220 mm	1,220 mm	
<i>Load deck dimensions</i>	-	1330x1980 mm	1400x2325 mm	1400x1930 mm	1210x1910 mm	1210x920 mm	
MASSES AND LOAD CAPACITY	Chassis-cab	Short Deck	Long Deck	Tipper Bed	Panel Van	Window Van	
<i>GVW 1.8 ton</i>	*	540 Kg	520 Kg	450 Kg	470 Kg	430 Kg	

*dependent on limitations of special equipment configuration

Colour Range



WHITE SILK



ORANGE SUNRISE



RED SPRINT



BLUE ACTION



ROCK SAND

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

00800-38848800

ROADSIDE RECOVERY SERVICE

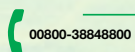
Piaggio Commercial Vehicles Roadside Recovery: a dedicated service that is always there when you need it, 24 hours a day

00800-70061600

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.

for all Piaggio vehicles



as indicated in the informative material



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DEALER'S STAMP



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