

Technical Specifications

2020 Paxster Cargo / Delivery



GENERAL

Homologation	L6e-BU		L7e-CU	
	Delivery	Cargo	Delivery	Cargo
Homologation Variant	22	23	22	23
Top Speed	45 km/h	45 km/h	60 km/h	60 km/h
Seating positions	1			
Seating position	Center			

DIMENSIONS / VOLUME

Length	2290 mm	2365 mm	2290 mm	2365 mm
Width	1180mm			
Height	1860 mm			
Wheelbase	1530 mm			
Track width	940 mm			
Loading area, front*	0,59 m2			
Loading area, rear**	0,68 m2	0,80 m2	0,68 m2	0,80 m2
Loading space, rear box	710 L	950 L	710 L	950 L
Loading space, front loader	150 – 250 L			

*Normally space for 3 letter containers.

MASSES / PAYLOAD

Maximum permissible mass	845 kg			
Maximum permissible mass, front axle	295 kg			
Maximum permissible mass, rear axle	550 kg			
Mass ex. Battery	325 kg	340 kg	325 kg	340 kg
Mass incl. Battery (without operator)				
Small Battery	394 kg	409 kg	394 kg	409 kg
Medium Battery	420 kg	435 kg	420 kg	435 kg
Large Battery	432 kg	447 kg	432 kg	447 kg
Mass incl. Battery and Operator				
Small Battery	469 kg	484 kg	469 kg	484 kg
Medium Battery	495 kg	510 kg	495 kg	510 kg
Large Battery	507 kg	522 kg	507 kg	522 kg
Maximum Payload	240 kg			

BATTERY – FIXED TYPE ONLY

Fuel Options	Electric	Electric	Electric	Electric
Chemistry	LiFePo4	LiFePo4	LiFePo4	LiFePo4
Voltage	48 V	48 V	48 V	48 V
Capacity				
Small Battery	5.1 kWh	5.1 kWh	5.1 kWh	5.1 kWh
Medium Battery	8.1 kWh	8.1 kWh	8.1 kWh	8.1 kWh
Large Battery	9.2 kWh	9.2 kWh	9.2 kWh	9.2 kWh
Battery protection type	BMS Controlled			

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RANGE

Small Battery*	78 km	Not available**
Medium Battery*	135 km	
Large Battery*	141 km	

*Range test based on performed according to EC directive, at 70% of top speed, with no slope, no cargo and summer tires. To account for frequent start/stops, hard acceleration, poor weather conditions and cold/snow, estimate 60-70% of the EC-test results above.

**L7e-CU test results not yet available. Expected available in medio April.

CHARGING

Charger type	On-board
Voltage	100-230 V
Max charge current from mains	6 A
Max charging time (230V schuko socket)	
Small Battery	5-6 h
Medium Battery	9-10 h
Large Battery	9-10 h
Charging options	
Vehicle Charging Plug	Type1 (J1772)
Standard charging cable	Type1 → Schuko
Optional charging cable	Type1 → Type2
Outdoor charging supported	Yes
Below 0 charging	If battery falls < 0, integrated heaters will activate.

POWERTRAIN

Motor type	3-phase PMAC			
Maximum power	6 kW	6 kW	7,48 kW	7,48 kW
Torque on rear wheels	380 Nm			
Torque on motor	38 Nm			
Energy consumption				
Small Battery	83 Wh/km			Not available*
Medium Battery	80 Wh/km			
Large Battery	84 Wh/km			
Transmission	Fixed reduction gear.			
Lubrication type / Voume	Wet-sump – 0.8 liter			
Oil type	SAE 70W80			
Transmission ratio	1:10			
Final transmission type	Shaft, splined			
Hill-starting ability at max load	18 %			
Maximum noise level during operation	65 dB			

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BRAKE SYSTEM

Regenerative motor brake [RMB]	Passive: On throttle pull-back Active: On pedal or lever activation.
Front brake type	Hydraulic, disc
Caliper	34mm
Disc	194mm X 5mm. Increased diameter and thickness.
Pad	5mm long-life material. Increased surface.
Rear brake type	Hydraulic, drum
Drum size	160x40 mm, self-adjusting
Brake fluid	Dot.4+
Primary brake interface	Pedal Hydraulic pressure on both axles. RMB on rear axle
Secondary brake interface	Hand lever, left Hydraulic pressure on front axle. RMB on rear axle
Park brake	Electro-magnetic. Activates on seat switch <u>and</u> speed.
Hill-hold / Launch Assist	Yes

AXLES / WHEELS

Driven axles	Rear wheel drive
Number of axles	2
Number of wheels	4
Tires	
Summer	Standard
Winter w.o. studs	Optional
Winter w. studs	Optional
Tires size designation	
Summer	145/70 R13
Winter w.o. studs	145/70 R13
Winter w. studs	155/70 R13
Rims	
Steel, grey finish	Standard
Aluminum	Optional

SUSPENSION / STEERING

Steering type	Ackermann-design
Steering input	Handlebar
Minimum turning radius	3.2m
Front suspension	Dual A-Arm w. Coil-over shock absorbers
Rear suspension	Trailing arms w. coil-over shock absorbers

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LIGHTS

Headlamp	Halogen, HS1 12V 35/35W
LED headlamp	Optional
Rear lamp	LED
Reverse light	Optional, integrated
Side-mounted LED work lamp	Optional
Cargo box interior lamp	Optional
Front loader lamp	Optional
Driver compartment lamp	Optional

BODY / CHASSIS

Standard color	Red or White
Material	UV resistant ABS
Custom color plastic	Optional. MOQ = 25 vehicles.
Chassis	Steel
Corrosion treatment	Zink-Manganese
Finish	Powder-coating, black.

SAFETY / SECURITY

Seat belt type*	3-point
Steering lock	Standard
Immobilizer switch on seat	Standard. Activates parking brake
Hazard lights	Standard
Horn	Standard
Reverse buzzer	Standard
Electric lock on cargo box	Optional
Electric lock on front loader	Optional
Rearview camera	Optional
Remote ignition/lock key-fob	Optional

*Local regulations may dictate the use of safety equipment such as belts and helmets.

CAB / COMFORT

De-icer type	Standard. Laminated, integrated into windscreen
Heated grips	Optional
Adjustable saddle seat	Standard
Sunscreen	Standard
Windscreen wiper and washer	Standard.
Washer tank volume	2.1 liter
Drive mode selector	Winter / Eco / Power
AUX power	12v / 5A
Speedometer	Standard. kmh/mph