

CHARIOT FS2



Technical spec.

Vehicle		
Length*	3000 mm	
Width	1000 mm	
Height*	1730 mm	
Road clearance	175 mm	
Vehicle weight	210 kg	
Max total vehicle weight**	550 kg	
Turning circle	3,04 m	

Box		
Length	1430 mm	
Width	990 mm	
Height	1050 mm	
Max total payload	200 kg	
Max shelf payload	70 kg	
Volume	max 2000 L	
Box weight	40 kg	

Drive train		
Type	Movaria Chainless E-Drive	
Motor	Motor Gearbox Unit Movaria	
Drive	Rear wheel drive	
Torque	Peak torque of 350Nm	
Reverse drive	Yes, 3km/hr	
Walk-assist mode	Yes, 6km/hr	
Drive modes	5	
Hill climb mode	Yes, up to 20%	
Certification	DIN 79010, EN 15918	

Battery		
Brand	AES SuperPack	
Dimensions	400 x 268 x 89 (mm)	
Weight	12 kg	
Capacity	2x 1,440 Wh	
Range	Fully loaded, 20 - 25 km per battery	
Swappable	Yes, suitcase model	
Charging	4 – 6 hours	
Input	100V-240V AC / 50 – 60 Hz	
Certification	IEC 62133-2:2017 IEC 62133-2:2017/AMD1:2021 UL-2271	

Lights		
Front light	Yes, light button	
Rear lights	Yes, light button	
Brake lights	Yes, including emergency stop signalling	
Third brake light	Optional	
Indicator lights	Front and rear	
Box light	Yes, when opening the box	

Brakes		
Front brake	Fahrwerker	
Rear brakes	Heavy duty Quad brakes	
Parking brakes	Park mode, automatically activated when the bike is turned off.	

Comfort		
Riding dynamics	Tilting front frame	
Front wheel	Scooter-grade outer tube	
Rear wheel	Motor side care tubes	
Front suspension	Swing-arm suspension	
Rear suspension	Torsion suspension	
Ergonomics	Frame design, seat tube	
Rain protection	Optional	
Water bottle holder	Optional	
Phone mount	Optional	
Phone charging	Standard USB 5V	
Side view mirrors	Default	

* Depending on the box size required

** The combined weight of the vehicle, rider, box, and payload.