

SOL

Technical data sheet
Pocket Rocket / Pocket Rocket S



Important notes

All images and technical data in this document are not finally confirmed and are subject to the final type approval of our vehicles. We will inform you as soon as final data is available.

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Technical data

The technical data is provisional and subject to final type approval of the vehicle. All values are subject to change. We will inform you as soon as new data is available. However, the data mentioned below already give you a first indication and help you in initial discussions with customers. Please point out to customers that these are provisional data.



	Pocket Rocket	Pocket Rocket S
EG vehicle class	L1e	L3e
Driving licence (Germany)	AM, A1 or B	from B196
Dimensions [mm]		
Wheelbase	1210	1210
Length	1820	1820
Width	740	740
Height	1090	1090
Ground clearance	160	160
Seat height	840	840
Wheels and tyres		
Front wheel	100/90 r16	100/90 r16
Rear wheel	110/90 r16	110/90 r16
Tyres ex works	Heidenau	Heidenau
Weight [kg]		
Net weight (without battery)	71	71
Permissible total weight [Kg]	200	200
Permitted number of persons	1	1

Suspensions

Front wheel damping	Hydraulic	Hydraulic
Rear shock absorber	Hydraulic/Adjustable	Hydraulic/Adjustable
Front wheel travel [mm]	60	60
Rear wheel travel [mm]	50	50

Brakes

Front wheel brake [mm]	ø220 Hydraulic disc brake	ø220 Hydraulic disc brake
Rear wheel brake [mm]	ø200 Hydraulic disc brake	ø200 Hydraulic disc brake
Combined Braking System	Yes	Yes
Break energy regeneration	Yes	Yes

Battery

Dimensions [mm]	530 X 140	530 X 140
Weight [kg]	16.7	16.7
Range with full charge [km]	Up to 108*	Up to 68*
Battery housing	Aluminium	Aluminium
Battery cells	Li-Ion 21700	Li-Ion 21700
Voltage [V]	57.4	57.4
Capacity [kWh]	2.5	2.5
Maximum discharge power in A	144	144
Electrical safety	Triple cell protection	Triple cell protection
Temperature control	Yes	Yes
Vibration and	Yes	Yes
Shock resistance	Yes	Yes
IP Level	IP65	IP65
Lifecycles	1.200	(rest capacity 80%)

Charger

Charging time with standard charger [h]	4
Charging time with fast charger [h]	2

Hub motor

Motor	Brushless electric wheel hub motor	Brushless electric wheel hub motor
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Motor control	FOC	FOC
Energy recovery system	Yes	Yes
Nominal power [W]	4000	6000
Top performance [W]	6500	8500
Torque [nm]	120	160
Maximum speed [Km/h]	45	85

Accessories

Tank Bag	Top Bag, removable, sitting on top tube
Rocket Helmets (Info coming soon)	High quality jet helmets - plain or with prints
More Accessories and Merchandise coming up soon	
