

**S O L**

Preliminary technical data  
Pocket Rocket / Pocket Rocket S



### **Important notes**

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

All texts, pictures and other information in these dealer documents are subject to the copyright of SOL Motors GmbH. Any duplication, reproduction or other use without the prior written consent of SOL Motors GmbH is prohibited.

SOL and Pocket Rocket are registered trademarks of SOL Motors GmbH. The design of our vehicles is subject to design protection (design protection).

SOL Motors GmbH  
Rotebühlstraße 59A  
70178 Stuttgart  
Germany  
[www.sol-motors.com](http://www.sol-motors.com)

Valid from: 09/2021  
© SOL Motors GmbH, 2021

## 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**

	<b>Pocket Rocket</b>	<b>Pocket Rocket S</b>
<b>EG vehicle class</b>	L1e	L3e
<b>Driving licence</b> (Germany)	AM, A1 or B	from B196
<b>Dimensions in mm</b>		
Wheelbase	Info coming soon	Info coming soon
Length	1720	1720
Width	730	730
Height	1180	1180
Ground clearance	150	150
Seat height	820	820
<b>Wheels and tyres</b>		
Front wheel	100/90 r16	100/90 r16
Rear wheel	110/90 r16	110/90 r16
Tyres	Heidenau	Heidenau
<b>Weight</b>		
Empty weight	55 kg	55 kg
Permissible total weight	Info coming soon	Info coming soon
Permitted number of persons	1	1

## Damping

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

---

## Brakes

Front wheel brake	Hydraulic disc brake	Hydraulic disc brake
Rear wheel brake	Hydraulic disc brake	Hydraulic disc brake
Combined Braking System	Yes	Yes
Break Energy Regeneration	Yes	Yes

---

## Battery

Dimensions in mm	620 X 140	620 X 140
Weight in Kg	11.5	11.5
Range with full charge	50-80 km	50-80 km
Battery housing	Aluminium	Aluminium
Battery cells	Li-Ion	Li-Ion
Voltage	58V	58V
Capacity	2.5KWh	2.5KWh
Maximum power	150A	200A
Electrical safety	Triple cell protection	3 Triple cell protection
Temperature control	Yes	Yes
Vibration and shock resistance	Yes	Yes
Waterproofness	IP65	IP65

---

## Charger

Charging time with standard charger	5 hours
Charging time with fast charger	2 hours

---

## Hub motor

Motor	Brushless electric wheel hub motor	Brushless electric wheel hub motor
Motor control	FOC	FOC
Energy recovery system	Yes	Yes
Nominal power	3000W	4000W
Top performance	5000W	6500W
Torque	120 Nm	160 Nm
Maximum speed	45 km/h	80 km/h

---

## Connectivity

SOL Tracker (from start)	Tracking, locating, anti-theft alarm, Smartphone APP
SOL Connect (Extension available for model year 2023, expected from Q3/Q4 2022)	Connectivity package, including vehicle location, information on charging time and battery status, theft alarm, emergency call, remote maintenance and predictive maintenance functions

---

## Warranty

Warranty	24 months (2 years)
Follow-up warranty SOL Secure	Info coming soon

---

## Accessories

V-Frame Smartbag (Info coming soon)	High-quality waterproof frame bag that fits seamlessly into the "V" of the frame
Rocket Helmets (Info coming soon)	High quality jet helmets - plain or with prints

---