

# Škoda Charger

## TECHNICAL DATA SHEET

Škoda Charger	Connect 11	Connect 22	Pro 22
Type	ENG11E102	ENG22E102 ENG22E104	ENG22E212 ENG22E214
<b>Electric data</b>			
Max. charging capacity <sup>1</sup>	1-phase: 3.7 kW 3-phase: 11 kW	1-phase: 7.4 kW 3-phase: 22 kW	1-phase: 7.4 kW 3-phase: 22 kW
Min. charging capacity <sup>2</sup>		0.023 kW	
Adjustable charge current	6 A - 16 A	6 A - 32 A	6 A - 32 A
Rated current	16 A	32 A	32 A
Grid frequency		50 / 60 Hz	
AC rated voltage		220-240 V / 380-415 V	
Terminal clamps (clampable cable cross-section)	2.5 - 6 mm <sup>2</sup>	6 - 10 mm <sup>2</sup>	6 - 10 mm <sup>2</sup>
Fault current monitoring		DC IΔN 6mA	
Standby power consumption	< 6.5 W	< 6.5 W	< 8 W
Integrated residual current device		No	
Charging plug		Type 2 (EN 62196-2)	
Charging mode		Mode 3 (EN IEC 61851-1)	
Applicable standards		IEC 61439-7 IEC 61851-1	
Charging communication		EN IEC 61851-1 ISO 15118-2	

<sup>1</sup> Max. charging power dependent on overall system incl. vehicle. Possible to reduce max. charging power to desired setting on charger.

<sup>2</sup> Min. charging power dependent on overall system incl. vehicle (ISO 15118 communication required).

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<b>Technical features</b>			
Authorization	RFID App Instant Charging (without authorization)		
Internet- / network communication	<ul style="list-style-type: none"> <li>WiFi 2.4 GHz (Accesspoint, Client)</li> <li>Ethernet 100 Mbit/s (RJ45)</li> </ul>	<ul style="list-style-type: none"> <li>WiFi 2.4 GHz (Accesspoint, Client)</li> <li>Ethernet 100 Mbit/s (RJ45) <ul style="list-style-type: none"> <li>LTE<sup>3</sup></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>WiFi 2.4 GHz (Accesspoint, Client)</li> <li>Ethernet 100 Mbit/s (RJ45) <ul style="list-style-type: none"> <li>LTE<sup>3</sup></li> </ul> </li> </ul>
Communication protocols	OCPP 2.0.1 EEBUS Modbus TCP/RTU		
Energy meter	Integrated	Integrated	Certified MID
Local optimization features	Overload Protection Load Management Hub/Satellite		
Backend-based optimization features	Solar Forecast Charging Solar Surplus Charging <sup>4</sup> Price Optimized Charging		
Status and user interface	LEDs Charger config/Mobile app		
<b>Mechanical data</b>			
Dimensions (H x W x D)	372 x 260 x 116 mm		
Charging cable length	4.5 or 7.5 m		
Weight (with 4,5m cable, 7,5m cable)	4.17 kg 4.89 kg	5.33 kg 6.87 kg	5.7 kg 7.24 kg
Protection class	IP55		
Impact resistance grade	IK10		
<b>Environmental and storage conditions</b>			
Operating temperature min./max.	-25 - +50 °C	-25 - +45 °C	-25 - +40 °C
Storage temperature	-30 - +80 °C		
Max. humidity	85 % (non-condensing)		
Max. altitude	2.000 m		
Max. noise Emission	35 dB		

<sup>3</sup> Data volume only included in our backend for a term of ten years.

<sup>4</sup> Backend only needed for activating the feature.

The values are based on the manufacturer's specifications

Manufacturer of this charger:  
eSystems MTG GmbH  
BahnhofsraÙe 100  
73240 Wendlingen  
Germany