



## Technical Data sonnenCharger

The smart Wallbox for E-Vehicles.

Maximum charging power <sup>1</sup>	22.0 kW / 7.4 kW (three / single phase connection)
Supply voltage	400 V / 230 V (three / single phase connection)
Charging plug	Type 2
Charging cable	7 m, tethered cable
Cable holder	magnetic
Material	High quality cast aluminum with integrated polycarbonate touch display
Electrical connection <sup>2</sup>	5 x 6 mm <sup>2</sup> / 5 x 10 mm <sup>2</sup>
Connectivity	Ethernet
Ambient temperature range (operating)	-25 °C - +65 °C
Degree of protection	IP56
Dimensions (H/W/D)	45/27/13.5 cm
Weight	12.8 kg
Supported vehicles	All common models with IEC type 2 connection
User interfaces	sonnenCharger - App (iOS, Android), Touch-Display, sonnen customer portal
Warranty	3 years
Charge control	2 modes, adjustable via App and Touch-Display <ol style="list-style-type: none"> <li><b>1. Power Mode</b> Charging with maximum of available charging power</li> <li><b>2. Smart Mode</b> Consumption-optimized charge control with adjustable desired departure time             <ul style="list-style-type: none"> <li>Smart Mode Extension: <b>Own Energy Only</b> charging with self-produced energy only, without grid purchasing<sup>4</sup></li> </ul> </li> </ol>

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<sup>1</sup> The sonnenCharger is limited to 11 kW / 3.7 kW (three / single phase connection). If all technical requirements are fulfilled, the sonnenCharger can be activated for a charging power of 22 kW / 7.4 kW (three / single phase connection). <sup>2</sup> Depending on the connection situation <sup>3</sup> Only in combination with a sonnenBatterie. <sup>4</sup> Possibly not supported by all electric vehicles.