



**Expandable
up to
198 kWh!**

Data sheet sonnenBatterie 10

	10/11	10/22
Nominal battery capacity in kWh	11	22
Usable battery capacity in kWh	10	20
Cell technology	LFP (Lithium Iron Phosphate)	
Weight in kg	138	257
Weight of battery modules in kg ¹	80	160
Product Dimensions (H/W/D) in cm	2x 172-184/69/27	
Number of housings	2	
Installation space requirement (H/W/D) in cm	187/173/127	
Nominal power (charging/discharging) in kW	4.6	
Max. inverter efficiency	95%	
Max. battery efficiency	96,8%	
Ambient temperature range	-5 °C – 45 °C ²	
Degree of Protection	IP30	
Operating mode	single phase 230V 50 Hz	
Tests and directives	EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, CEI 0-21, IEC 61000-6-1, IEC 61000-6-3, IEC 62040-1, IEC 62109-1, IEC 62619, UN 38.3, VDE-AR-E 2510-2, VDE-AR-N 2510-50, VDE-AR-N 4105, C10/26	
Battery service life	designed for 20 years	
Warranty	10 years ³	
Cycles	10,000 ²	

These technical information are valid for sonnenBatterie 10 with sonnenModule 4 only. We reserve the right to make technical changes and updates without prior notice. Specific values, performance data and other information in this data sheet, brochures and other product information, as well as illustrations and drawings in these documents, are solely illustrative and are subject to ongoing revision and modification. We do not warrant the accuracy or completeness of any information in these documents unless otherwise explicitly stated. Only the information in order confirmation documents or purchase contracts is binding.

¹ The weight of the individual battery module (sonnenModule 4) is 40 kg. ² Optimal: 5 °C - 30 °C | The system can still function below and above 5 °C and 30 °C, however, only with a reduction in power.

³ Please be aware that terms and conditions apply.