



Data sheet sonnenBatterie 10 performance

	10p/11	10p/22	10p/33	10p/44	10p/55
Nominal battery capacity in kWh	11	22	33	44	55
Usable battery capacity in kWh	10	20	30	40	50
Cell technology	Lithium Iron Phosphate (LFP)				
Weight in kg	165	245	375	455	535
Dimensions product (H/W/D) in cm	172-184/69/36		2x 172-184/69/36		
Number of housings	1	1	2	2	2
Installation space requirement (H/W/D) in cm	187/89/136		187/173/136		
Nominal power (charging/discharging) in kW	7,0	9,9	9,9	9,9	9,9
Max. inverter efficiency	97,2 %				
Max. battery efficiency	95,9 %				
Ambient temperature range	-5 °C - 45 °C ¹				
Optimum temperature range	5 °C - 35 °C				
Degree of Protection	IP30				
Operating mode	three phase 400 V 50 Hz				
Tests and directives	VDE-AR-N 4105, TOR Erzeuger, UN 38.3 / IEC 62281, IEC 61000-6-1, IEC 61000-6-3, IEC 62109-1, IEC 62109-2, IEC 62040-1, IEC 60730-1, VDE AR 2510-2, IEC 62619, VDE AR 2510-50, IEC 60529				
Battery service life	designed for 20 years				
Warranty	10 years ²				
Cycles	10.000 ²				



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Possible cascading	2	3	4	5	6	7	8	9
Nominal battery capacity in kWh	22-110	33-165	44-220	55-275	66-330	77-385	88-440	99-495
Usable battery capacity in kWh	20-100	30-150	40-200	50-250	60-300	70-350	80-400	90-450
Nominal power (charging/discharging) in kW	14-19,8	21-29,7	28-39,6	35-49,5	42-59,4	49-69,3	56-79,2	63-89,1

Available options

sonnenProtect 8000 ³	Three phase Full Home Backup
sonnenCharger ⁴	Intelligent e-car charging station
sonnenKNX Module	Integration into a KNX system

¹ Optimal: 5 °C ... 35 °C | The system can still function below and above 5 °C and 35 °C, however, only with a reduction in power. ² Please be aware that terms and conditions apply. ³ Details can be found in the sonnenProtect 8000 data sheet. ⁴ Available from 1st of April 2023. Compatible with sonnenBatterie eco 8, sonnenBatterie hybrid 8.1, sonnenBatterie 10 and sonnenBatterie 10 performance.

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. The technical data mentioned refers to the Power Module item number 3000364. 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.

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