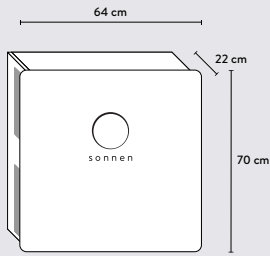


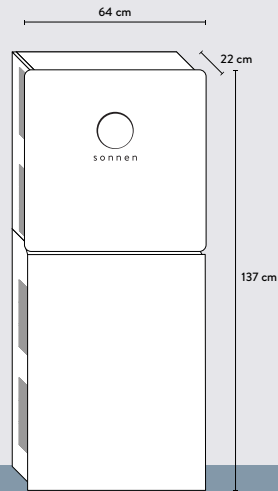


Technical Data sonnenBatterie hybrid

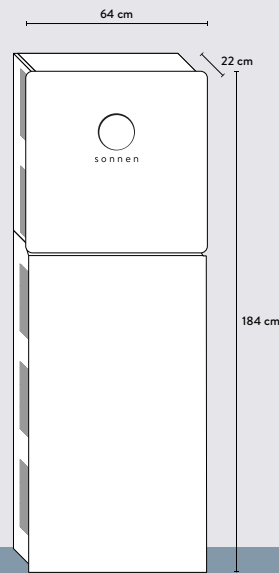
	hybrid 8.1/2	hybrid 8.1/4	hybrid 8.1/6	hybrid 8.1/8	hybrid 8.1/10	hybrid 8.1/12	hybrid 8.1/14	hybrid 8.1/16
Usable battery capacity (kWh)	2,0	4,0	6,0	8,0	10,0	12,0	14,0	16,0
Variety ¹ (2 kWh – 10 kWh)								
Weight kg	58	99	124	149	174	-	-	-
Dimensions H/W/D cm	70/64/22	137/64/22	137/64/22	137/64/22	137/64/22	-	-	-
Variety ¹ (2 kWh – 16 kWh)								
Weight kg	58	110	135	160	185	210	235	260
Dimensions H/W/D cm	70/64/22	184/64/22	184/64/22	184/64/22	184/64/22	184/64/22	184/64/22	184/64/22
Rated inverter power (W) (charging/discharging)	1.500	2.500	3.000	3.300	3.300	3.300	3.300	3.300
Charging time to 90 %, approx.	1,5 h	1,5 h	2 h	2,5 h	3 h	3,5 h	4 h	4,5 h
Recommended for use with annual household consumption up to [kWh] (based on experience)	2,500	3,300	4,400	5,500	6,600	7,700	8,800	9,900
Maximum inverter efficiency	96%							
Maximum battery efficiency	98%							
Max. efficiency (PV-power grid)	98,6%							
Input voltage (DC)	250–1.000 VDC							
Ambient temperature range	5 °C – 30 °C							
Cell chemistry	LFP (Lithium Iron Phosphate)							
Dust & water protection	IP 21							



Usable battery capacity:
2,0 kWh



Usable battery capacity:
2,0–10,0 kWh



Usable battery capacity:
2,0–16,0 kWh



Technical Data sonnenBatterie hybrid

	hybrid 8.1/2	hybrid 8.1/4	hybrid 8.1/6	hybrid 8.1/8	hybrid 8.1/10	hybrid 8.1/12	hybrid 8.1/14	hybrid 8.1/16
Operating mode	three phase							
Battery service life	designed for 20 years							
Warranty	10 years ²							
Cycles	10,000 ²							
	hyb-8.1-3.5/2	hyb-8.1-3.5/4	hyb-8.1-3.5/6	hyb-8.1-3.5/8	hyb-8.1-3.5/10	hyb-8.1-3.5/12	hyb-8.1-3.5/14	hyb-8.1-3.5/16
Maximum recommended PV power	4,2 kWp (3,5 kW-version)							
Maximum AC output power	3,5 kW (3,5 kW-version)							
	hyb-8.1-5.5/2	hyb-8.1-5.5/4	hyb-8.1-5.5/6	hyb-8.1-5.5/8	hyb-8.1-5.5/10	hyb-8.1-5.5/12	hyb-8.1-5.5/14	hyb-8.1-5.5/16
Maximum recommended PV power	6,4 kWp (5,5 kW-version)							
Maximum AC output power	5,5 kW (5,5 kW-version)							

Available options

Colour of cabinet³	black or silvergrey	sonnenSmart-Plugs	3 pcs.
Multi-Touch-Display	7 inches	sonnenThermostates	4 pcs.
		sonnenHeater	smart heater

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 There are two cabinet versions available. By default, the large cabinet is included (Dimensions H/W/D 114/64/22). If a small cabinet is needed for a storage battery of 4 kWh to 10 kWh, this must be specified when ordering.

² Warranty on all parts. To learn more about our current warranty terms and conditions, please visit www.sonnenbatterie.de/garantiebedingungen or call our customer hotline and request a copy.

³ Standard Colour of cabinet: white