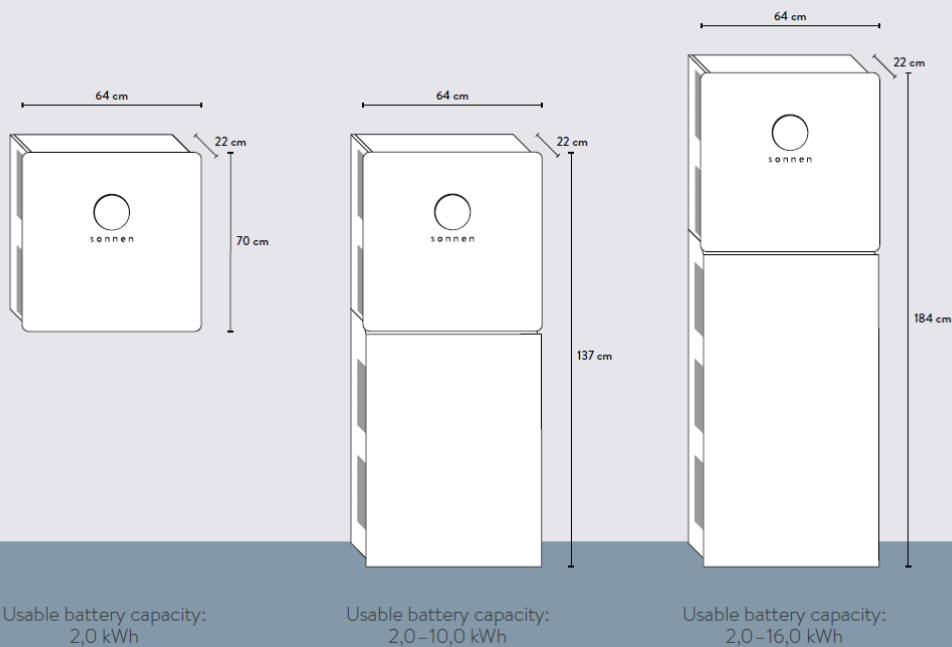




Technical Data sonnenBatterie hybrid

	hybrid 2	hybrid 4	hybrid 6	hybrid 8	hybrid 10	hybrid 12	hybrid 14	hybrid 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	53	88	115	142	169	-	-	-
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	53	93	120	147	174	201	228	255
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
Maximum input power at maximum active output power	5,5 kWac							
Maximum recommended PV power	6,4 kWp (5,5 kWac)							
Maximum inverter efficiency	96%							
Maximum battery efficiency	98%							
Max. efficiency (PV-power grid)	98,6%							
Input voltage (DC)	250 – 845 VDC (3,5 kWac) 250 – 1.000 VDC (5,5 kWac)							
Ambient temperature range	5 °C – 40 °C							



Technical Data sonnenBatterie hybrid

	hybrid 2	hybrid 4	hybrid 6	hybrid 8	hybrid 10	hybrid 12	hybrid 14	hybrid 16
Cell chemistry	LFP (Lithium Iron Phosphate)							
Dust & water protection	IP 21							
Operating mode	three phase							
Battery service life	designed for 20 years							
Warranty	10 years ²							
Cycles	10,000 ²							
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

Available options

Colour of cabinet ³	black or silvergrey
Multi-Touch-Display	7 inches
Smart remote control sockets	3

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