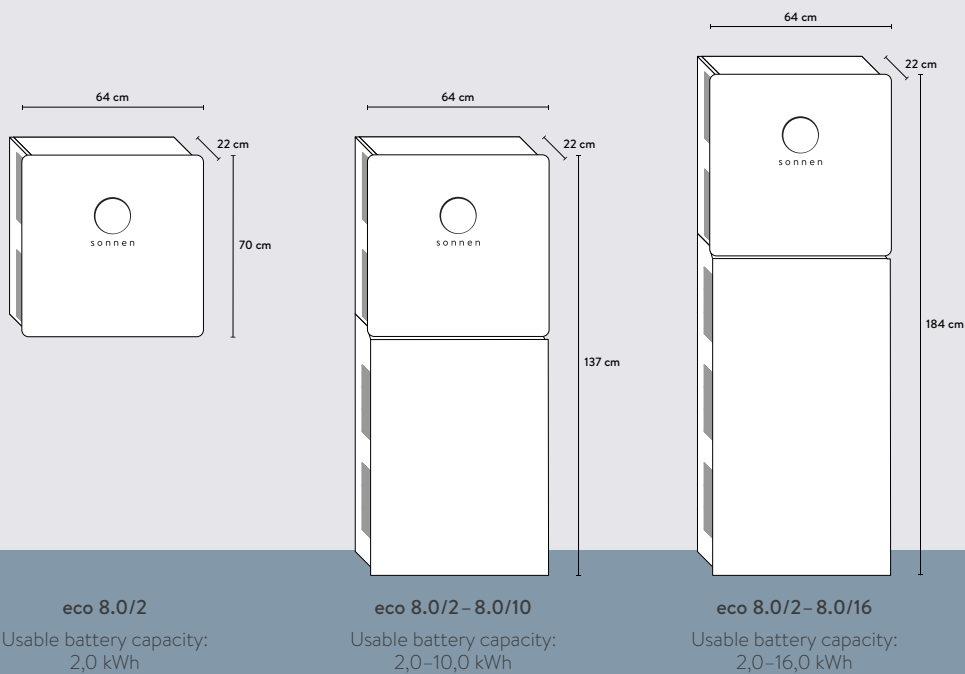




Technical Data sonnenBatterie eco

	eco 8.0/2	eco 8.0/4	eco 8.0/6	eco 8.0/8	eco 8.0/10	eco 8.0/12	eco 8.0/14	eco 8.0/16
Usable battery capacity (kWh)	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
Cell chemistry	LFP (Lithium Iron Phosphate)							
Variety ¹ (2 kWh - 10 kWh)								
Weight kg	55	96	121	146	171	-	-	-
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	55	107	132	157	182	207	232	257
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 inverter efficiency	96%							
Maximum battery efficiency	98%							
Ambient temperature range	5 °C - 30 °C							
Dust & water protection	IP 21							
Operating mode	three phase							



Technical Data sonnenBatterie eco

	eco 8.0/2	eco 8.0/4	eco 8.0/6	eco 8.0/8	eco 8.0/10	eco 8.0/12	eco 8.0/14	eco 8.0/16
Tests and directives	VDE-AR-N 4105, Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU, UL1642, IEC62133							
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 cabinet³	black or silvergrey
Multi-Touch-Display	7 inches
sonnenSmart-Plugs	3 pcs.
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. The delivery time of the black and gray cabinet is 6 weeks.