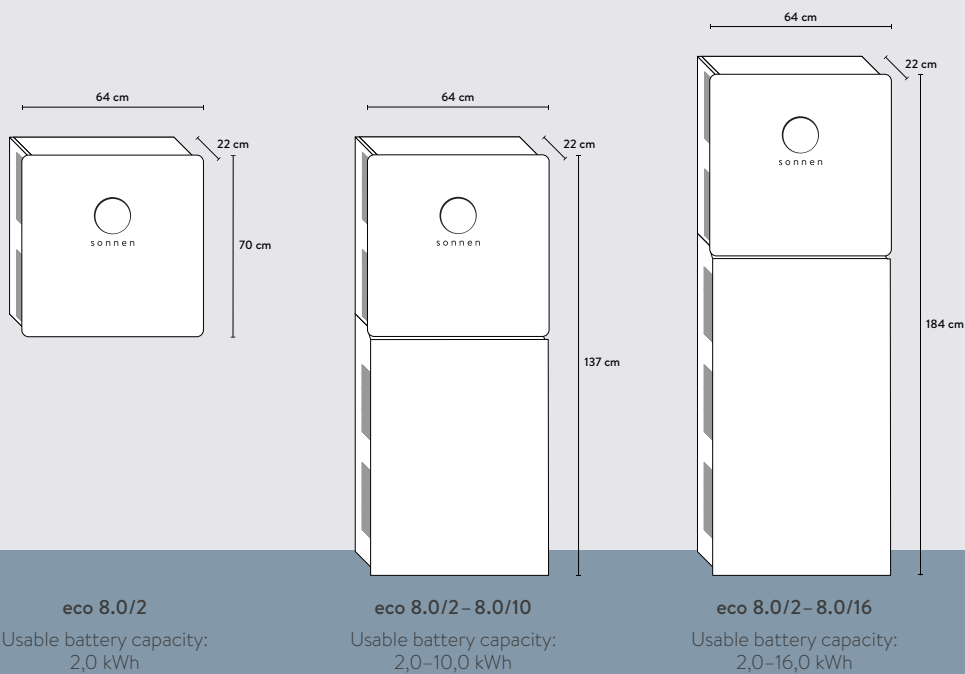


## Technical Data sonnenBatterie eco

	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 <sup>1</sup> (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 <sup>1</sup> (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 inverter efficiency	96 %							
Maximum battery efficiency	98 %							
Ambient temperature range	5 °C - 30 °C							
Dust & water protection	IP 21							
Operating mode	three phase							
Emergency capable	optional (expected to be available in Q3 2016)							



## 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
<b>Tests and directives</b>	VDE-AR-N 4105, UN 38.3 Transporttest, Niederspannungsrichtlinie 2014/35/EU, EMC Richtlinie 2014/30/EU, UL1642, IEC62133							
<b>Battery service life</b>	designed for 20 years							
<b>Warranty</b>	10 years <sup>2</sup>							
<b>Cycles</b>	10,000 <sup>2</sup>							
<b>Charging time to 90 %, approx.</b>	1.5 h	1.5 h	2 h	2.5 h	3 h	3.5 h	4 h	4.5 h
<b>Recommended for use with annual household consumption up to [kWh] (based on experience)</b>	2,500	3,300	4,400	5,500	6,600	7,700	8,800	9,900

### Available options

<b>Colour of cabinet<sup>3</sup></b>	black or silvergrey
<b>Multi-Touch-Display</b>	7 inches
<b>Smart remote control sockets</b>	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.

<sup>1</sup> Two base cabinet versions are available. Depending on your power requirements a smaller base cabinet can be acquired for capacity sizes up to 10 kWh.

<sup>2</sup> Warranty on all parts. To learn more about our current warranty terms and conditions, please visit [www.sonnenbatterie.de/garantiebedingungen](http://www.sonnenbatterie.de/garantiebedingungen) or call our customer hotline and request a copy.

<sup>3</sup> Standard Colour of cabinet: white