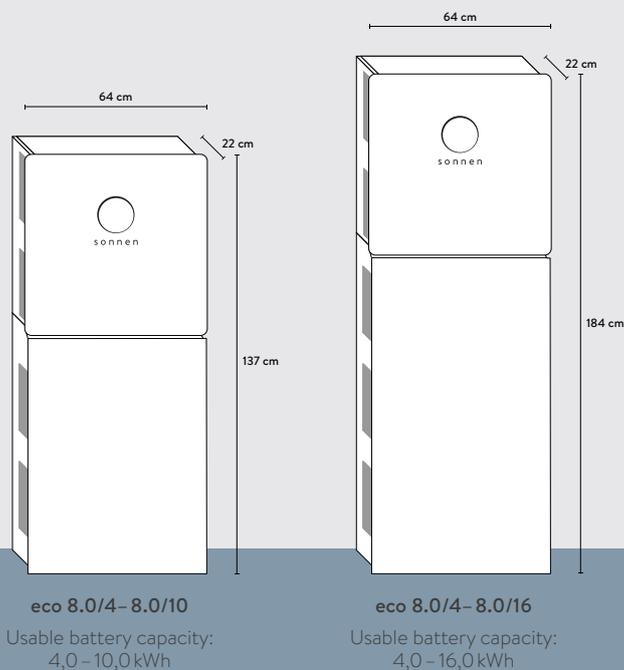




## Technical Data sonnenBatterie eco 8.0

	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 in kWh	4.0	6.0	8.0	10.0	12.0	14.0	16.0
Cell technology	LFP (Lithium Iron Phosphate)						
Variety <sup>1</sup> (4kWh - 10kWh)							
Weight in kg	105	132	159	186	-	-	-
Dimensions (H/W/D) in cm	137/64/22	137/64/22	137/64/22	137/64/22	-	-	-
Variety <sup>1</sup> (4kWh - 16kWh)							
Weight in kg	116	143	170	197	207	224	251
Dimensions (H/W/D) in cm	184/64/22	184/64/22	184/64/22	184/64/22	184/64/22	184/64/22	184/64/22
Nominal power (charging/discharging) in W	2,500	3,000	3,300	3,300	3,300	3,300	3,300
Max. inverter efficiency				96%			
Max. battery efficiency				98%			
Ambient temperature range				5°C - 30°C			
Dust & water protection				IP 21			
Operating mode				three phase			



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	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, Low Voltage Directive 2014/35/EU, AS4777 EMC Directive 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	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>	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>sonnenWallmount</b>	installation mount
<b>sonnenSmart-Plugs</b>	3 pcs.
<b>sonnenBackup-Box<sup>4</sup></b>	emergency backup

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> 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.

<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. The delivery time of the black and gray cabinet is 6 weeks.

<sup>4</sup> Expected to be available in 2018.