



## Technical Data sonnenBatterie

	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
Grid Version (three phase)								
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 %							
Variety <sup>1</sup> (2-10 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 <sup>1</sup> (2-16 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
	eco 8.2/2	eco 8.2/4	eco 8.2/6	eco 8.2/8	eco 8.2/10	eco 8.2/12	eco 8.2/14	eco 8.2/16
Grid Version (single phase)								
Rated inverter power (W) (charging/discharging)	1,500	2,000	2,500	2,500	2,500	2,500	2,500	2,500
Maximum inverter efficiency	93 %							
Variety <sup>1</sup> (2-10 kWh)								
Weight kg	71	112	137	162	187	-	-	-
Dimensions H/W/D cm	70/64/22	137/64/22	137/64/22	137/64/22	137/64/22	-	-	-
Variety <sup>1</sup> (2-16 kWh)								
Weight kg	71	123	148	173	198	223	248	273
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



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	eco 8/2	eco 8/4	eco 8/6	eco 8/8	eco 8/10	eco 8/12	eco 8/14	eco 8/16
Maximum battery efficiency	98 %							
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)							
Ambient temperature range	5° – 40 °C							
Dust & water protection	IP 21							
Tests and directives	VDE-AR-N_4105, Low Voltage Directive 2006/95/EG, UL1642, IEC62133							
Battery service life	designed for 20 years							
Warranty	10 years <sup>2</sup>							
Cycles	10,000 <sup>2</sup>							
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 <sup>3</sup>	black or silvergrey
Multi-Touch-Display	18 cm width

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