



Technical Data sonnenBatterie

| | 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 |
|-------------------------------|------------------------------|-----------|-----------|-----------|------------|------------|------------|------------|
| 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) | | | | | | | |

Variety¹ (2–10 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 | – | – | – |

Variety¹ (2–16 kWh)

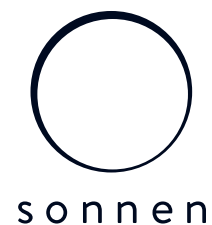
| | | | | | | | | |
|---------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Weight kg | 53 | 93 | 120 | 147 | 174 | 201 | 228 | 255 |
| Dimensions H/W/D cm | 70/64/22 | 184/64/22 | 184/64/22 | 184/64/22 | 184/64/22 | 184/64/22 | 184/64/22 | 184/64/22 |

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 % | | | | | | | |

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 % | | | | | | | |



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|---|--|-----------|-----------|-----------|------------|------------|------------|------------|
| Maximum battery efficiency | 98 % | | | | | | | |
| Ambient temperature range | 5° – 40 °C | | | | | | | |
| Dust & water protection | IP 21 | | | | | | | |
| Tests and directives | Li-Ionen-Hausspeicher Sicherheitsleitfaden geprüft, VDE-AR-N_4105, UN 38.3 Transporttest, Niederspannungsrichtlinie 2006/95/EG, UL1642, IEC62133 | | | | | | | |
| Emergency capable | optional (expected to be available in Q2 2017) | | | | | | | |
| Battery service life | Anytime within warranty period | | | | | | | |
| 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 | 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.

¹ 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.

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