



Technical Specifications of Boson Mini+

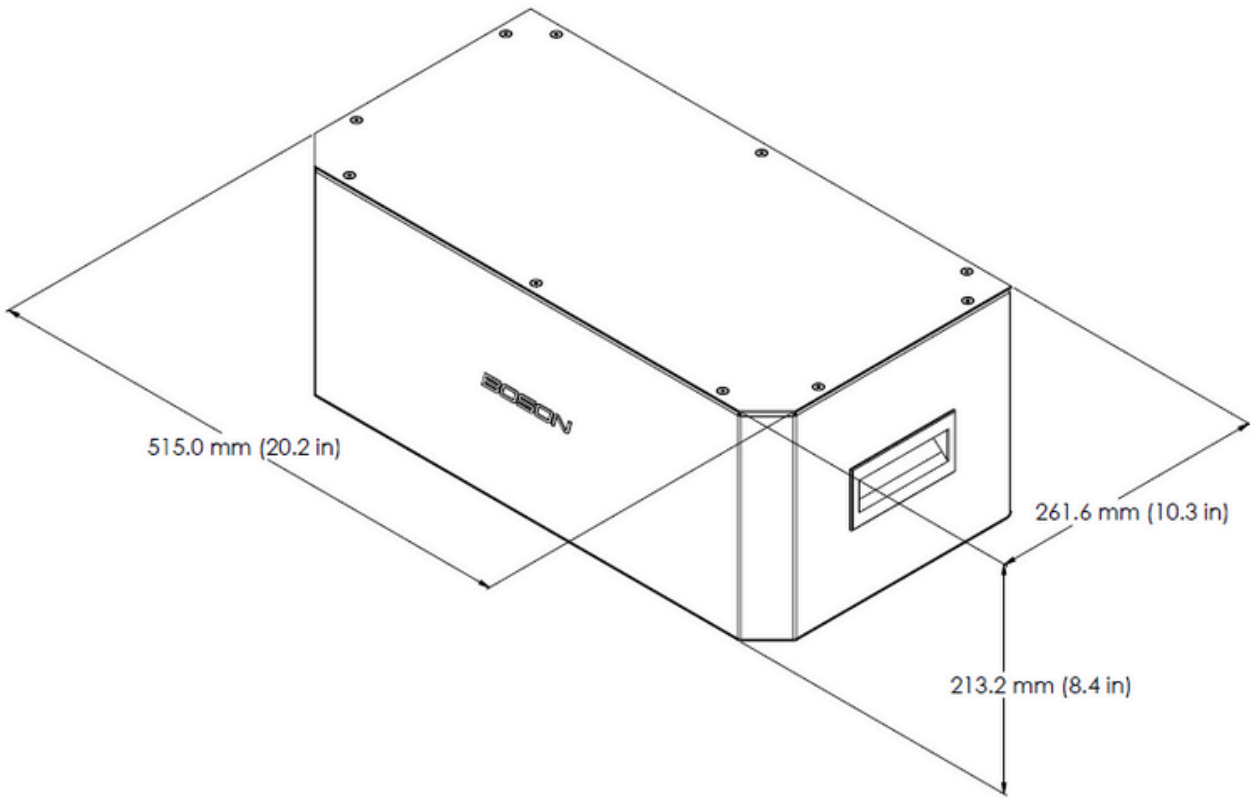
Boson's lithium-ion energy storage solutions provide flexible charging options from either solar or the grid. They efficiently store solar energy, enabling nighttime use or serving as a backup during grid failures. Additionally, these solutions offer a reliable standalone power source for off-grid scenarios.

Battery Specifications

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|--|---------------------|
| Battery chemistry | LiFePO ₄ |
| Nominal voltage | 25.6 VDC |
| Rated capacity | 100 Ah |
| Total capacity ¹ @ 100% DoD | 2.5 kWh |
| Operation voltage range | 20.8 - 29.2 V |
| Standard charging current | 50 A |
| Standard discharging current | 100 A |
| Depth of discharge | 90% |
| Operating temperature charging | 0 to 55° C |
| Operating temperature discharging | -20 to 55° C |
| Humidity | < 70% |
| Weight | 20kg ± 200g |

| | |
|---|---|
| Maximum number of batteries in parallel | 16 |
| Device protections | Over charge Under voltage Over temperature Over current Short circuit |
| Cell cycle life | ≥6000 |
| Warranty ² | 10 years |

Battery Dimensions



We reserve the authority to implement modifications in the technical data, images, and diagrams presented in this material. The information in data sheets, advertisements, and other promotional documents serves as approximate guidelines unless explicitly identified as binding.

1 - When tested at 25°C, with a charge and discharge rate of 0.5C.
2 - Terms and conditions apply