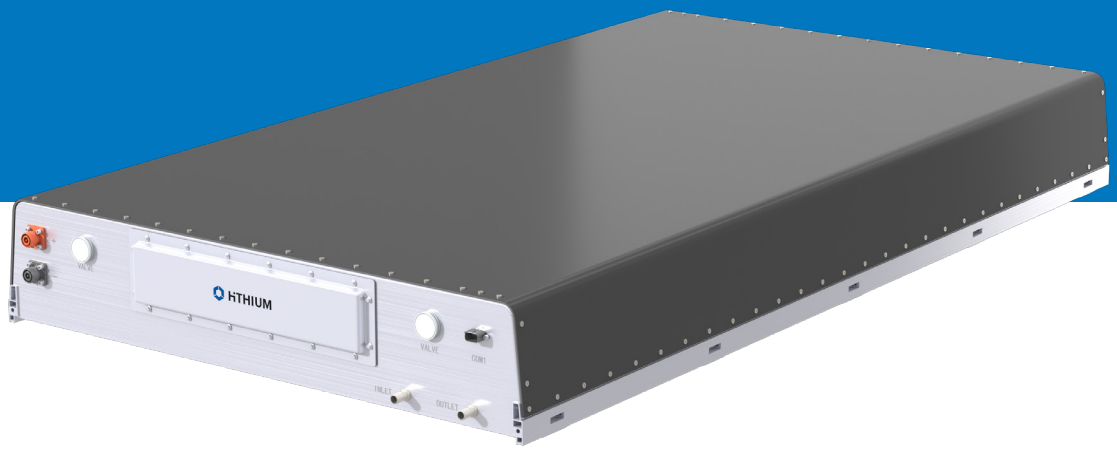
# ∞Pack 195 kWh 4h

## Liquid-cooled ESS module based on prismatic LFP cells




Preliminary

**Liquid-cooled ESS module based on HiTHIUM prismatic LFP ESS Cell 1175 Ah with very high cyclic lifetime.**

Specially optimised for use in stationary battery storage systems with the highest requirements on safety, reliability and performance. Suitable e.g. for C&I, utility, grid serving applications.

- Product certifications*:
  IEC 62619, UL 1973, UL 9540A, UN 38.3
- Company certifications:
  ISO 9001, ISO 14001, ISO 45001, SA 8000
- Environmental compliance*:
  RoHS, REACH, Cobalt free

### High safety

- Specialized flame retardant top cover.
- Based on HiTHIUM ESS 1175 Ah prismatic LFP cell with high thermal stability
- Optimal operating temperature due to liquid cooling

### Low LCOS (Levelised Cost of Storage)

- Very high cyclic lifetime thanks to advanced material and process technologies
- Excellent thermal management improves energy throughput by ensuring optimal operating temperature

# ∞Pack 195 kWh 4h

Liquid-cooled ESS module based on
prismatic LFP cells with high cyclic lifetime


| GENERAL | |
|---|---|
| Configuration | 1P52S |
| Cooling Method | Liquid Cooling |
| Coolant | Glycol-Water Coolant Solution |
| Gravimetric ED | ≥165 Wh/kg (≥74.8 Wh/lb) |
| Volumetric ED | ≥276 Wh/L (≥1,044.7 Wh/gal) |
| Application Altitude | ≤4,000 m (≤13,123 ft) |

| ELECTRICAL | |
|---|---|
| Nominal Voltage | 166.4 V |
| Operating Voltage | 130 V … 189.8 V<br>0 °C < T ≤ 60 °C [1] (32 °F<T≤140 °F) |
| | 104 V … 189.8 V<br>-30 °C < T ≤ 0 °C [1] (-22 °F<T≤32 °F) |
| Nominal Energy | 195 kWh [2,3] |
| Nominal SOC at Delivery | 27 % [3] |
| Nom. Charge / Discharge Rate | 0.25 P / 0.25 P [3] |

| MECHANICAL | |
|---|---|
| Dimensions (W x D x H) | 1,248 x 2,233 x 255 mm<br>(49.1 x 87.9 x 10.0 in) |
| Weight | 1,162 kg ± 3%<br>(2,484.6 lb … 2,638.9 lb) |
| Protection Level | IP 67 |

| TEMPERATURE RANGE | |
|---|---|
| Discharge (Cell) | -30 °C … 60 °C [1]<br>(-22 °F … 140 °F) |
| Charge (Cell) | 0 °C … 60 °C [1]<br>(32 °F … 140 °F) |
| Storing (Recommended) | -20 °C … 35 °C [4]<br>(-4 °F … 95 °F) |

| PRODUCT CERTIFICATIONS* | |
|---|---|
| Certificates and Reports | IEC 62619, UL 1973, UL 9540A |
| Safe Transportation | UN 38.3 |

| ENVIRONMENTAL* | |
|---|---|
| Compliance | RoHS, REACH, Cobalt free |
| Battery Regulation (EU) | 2023/1542 |

| COMPANY CERTIFICATIONS | |
|---|---|
| | ISO 9001, ISO 14001,<br>ISO 45001, SA 8000 |

*[1] cell temperature*
*[2] 0.25 P / 0.25 P*
*[3] 25 °C +/- 2.0 °C (73.4 °F … 80.6 °F)*
*[4] ambient temperature*
** in progress*

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