PRODUCT OVERVIEW

# Naali

## ACB26A

Mid-capacity smart $LiFePO_4$ battery, 25.6 V nominal, with integrated cell heating, active balancing and connected battery management. Reference specifications for system design, installation planning and integration.

### ELECTRICAL SPECIFICATIONS

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|---|---|
| Nominal voltage | **25.60 V** |
| Maximum voltage | **29.20 V** |
| Minimum voltage | **20.00 V** |
| Nominal capacity | **105 Ah / 2.6 kWh** |
| Continuous discharge current | **100 A** |
| Pulse discharge current | **200 A / 30 s** |
| Maximum charge current | **100 A** |
| Balancing current | **2 A** |
| Cell chemistry | **LiFePO4 (LFP), A-grade** |

### MECHANICAL

| | |
|---|---|
| Dimensions (W x H x D) | **276 x 195 x 248 mm** |
| Weight | **20.0 kg** |
| Enclosure | **3D-printed engineering polycarbonate, UL94-V0 flame-retardant** |
| Terminals | **M8 brass or ESS Safe Connector** |

### THERMAL BEHAVIOUR

| | |
|---|---|
| Discharge temperature range | **-20 C to +55 C** |
| Charge temperature range | **0 C to +55 C** |
| Low-temperature charging | **Active internal heating enables charging in sub-zero ambient once cells reach 0 C** |

### PERFORMANCE AND INTEGRATION

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|---|---|
| Cycle life | **>3,500 cycles to 80% remaining capacity** |
| Communication | **CAN bus (NMEA 2000) and Bluetooth** |
| Integration | **Victron and compatible energy-management systems** |

**Charging design note:** Below 0 C, active heating must bring cells to 0 C before charge current is accepted. Charging system design should account for this delay in cold-climate deployments.

**Product information:** Specifications are based on document ACB26A TR-26-24V v1.1 / 2026-10 and confirmed manufacturer listings. Verify the final specification, charging design, protection, certification and installation requirements for the intended application before ordering or installation. Information is subject to change without notice.