32140 Sodium Ion Cell
Product Safety Information

SALTRA-PSDS-32140-v1.1 | Issued November 17, 2026

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This Saltra product-information summary describes the cells offered for evaluation, the inspection record supplied with an order, and the scope of available supplier documents. It replaces the September 18, 2025 v1.0 Saltra summary for current customer information. Read it with the applicable manufacturer SDS; it is not a replacement manufacturer SDS or a laboratory certificate.

Product identity

Attribute	Identification
Cell marking and format	32140 cylindrical sodium-ion cell; HAKADI-branded stock
Nominal rating marked on stock	3.0V | 10Ah | 30Wh per cell
Product supplied	Individual bare cells; imported and distributed by Saltra from Aurora
Traceability	Visible cell identifiers are recorded with the applicable order or inspection record.
Document relationship	Supplier records identify model 32140; Intertek component documents identify SIB32140-10Ah. Ratings align; individual stock identifiers are not listed in the reports.

Saltra pre shipment inspection

Saltra records four checks: **visual condition, weight, open-circuit voltage and internal resistance using the available IR meter**. These are inspection readings, not a capacity, usable-energy or finished-pack performance certificate. Manufacturer ratings and laboratory results are identified separately from Saltra readings.

Handling

Protect terminals against short circuits and physical damage. Keep cells separated from loose conductive objects. Do not open, puncture, crush, burn, reverse-connect or use visibly damaged or leaking cells. Use appropriate insulation, protection and a mechanically secure enclosure for the intended application.

Supplier documents available for review

Reference	Scope
TSZ26AU043A03-03 March 13, 2026	Supplier SDS; model 32140, 3.0V / 10Ah / 30Wh.
TSZ26AU043A03-01 March 13, 2026	UN38.3 full cell-test report.
TSZ26AU043A03-02 March 13, 2026	UN38.3 test summary referencing the full report above.
TSZ24LL008A07-03 January 20, 2025	Earlier UN38.3 cell-test report, retained as a separate document generation.
240702011SZN-001 Intertek component documents	Constructional Data Report and Authorization to Mark referencing ANSI/CAN/UL 1973:2022, model SIB32140-10Ah. Current status and applicability to supplied stock require review.
2026 transport assessments	Supplier air, sea and road classification reports; applicability depends on route, preparation, report conditions and validity.

Operating specification and application review

Select charge/discharge limits, temperature restrictions, BMS protection, interconnects and assembly methods for the exact cell and application. Available document generations contain different current ratings; a transport-report sample table is not a substitute for a reconciled operating specification. The historical v1.0 charging, current, cycle-life and compliance figures are not carried forward as confirmed operating instructions.

For a 3S1P arrangement using the nominal markings, arithmetic gives **9.0V nominal, 10Ah and 90Wh nominal**. Usable energy, converter input range, charging, simultaneous outputs and thermal performance depend on the completed design and its evaluation.

Document and transport scope

The supplier package provides cell-level evidence for review. It does not establish approval of an assembled USB power bank or passenger-airline acceptance. Intertek documents reference UL 1973, not UL 1642 or IEC 62619. Certification marks and original reports remain subject to issuer conditions. Document receipt is separate from independent authentication and stock-lot applicability.

Shipping is arranged for the actual chemistry, destination, package and service. The historical phrase "UN3480 equivalent" is withdrawn. Retain the selected service, packing record and applicable transport documents with the shipment.