AuroraCell

AuroraCell - Product Overview

Sodium-Ion Battery Cells

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Updated 26 October 2026

Product	Chem.	Ah	Vnom	V window	Wh	Max Charge (C cont./pulse)	Max Discharge (C cont./pulse)	Tmin chg/dis (°C)	Cycle life
CYLINDRICAL CELLS									
LO-32140-10E Battery Cell	Layered Oxide SIB	10.0	3.0	1.5-4.0	30.0	3C / 3C	10C / 20C	-20/-40	2.000
LO-32140-10P Battery Cell	Layered Oxide SIB	10.0	3.0	1.5-4.0	30.0	5C / 5C	18C / 30C	-20/-40	2.000
NFPP-32140-7Ah Battery Cell	NFPP SIB	7.0	3.0	1.5-3.4	21.0	1C / 1C	20C / 30C	-10/-40	3.000
3270 Battery Cell	NaCrO2 SIB	4.0	2.9	2.0-3.4	11.6	1C / 4C	16C / 30C	0/-40	20.000
60145 Battery Cell	NFPP SIB	28.0	2.9	1.5-3.5	81.2	1C / 1C	3C / 3C	0/-40	2.000
NaFR14500HG-HP0.5 Cell	Layered Oxide SIB	0.5	3.0	1.5-4.0	1.5	4C / 10C	20C / 40C	0/-40	1.000
NaFR18650HG-HP1.2 Cell	Layered Oxide SIB	1.2	3.0	1.5-4.0	3.6	4C / 4C	20C / 40C	0/-40	1.000
32140-8,5Ah	Hybrid SIB	8.5	3.0	1.5-3.8	24	1C / 1C	15C / 20C	-20/-40	2.000
NaCR26650-25UT	Layered Oxide SIB	2.5	3.0	1.5-3.9	7.5	6C / 6C	20C / 65C	-20/-40	2.500
NaCR32700-45UT	Layered Oxide SIB	4.5	3.0	1.5-3.9	13.5	6C / 6C	20C / 50C	-20/-40	2.000
NaCr33140-100UT	Layered Oxide SIB	10.0	3.0	1.5-3.9	30.0	6C / 6C	20C / 50C	-20/-40	2.000
PRISMATIC CELLS									
210Ah Prismatic Cell	NaCrO2 SIB	210.0	2.9	2.0-3.4	609	0.5C / 0.5C	1C / 1C	0/-40	30.000
175Ah Prismatic Cell	NFPP SIB	175.0	2.9	1.5-3.5	508	2C / 2C	2C / 2C	-10/-40	8.000
170Ah NFPP Prismatic Cell	NFPP SIB	170.0	2.85	1.5-3.4	484.5	1C / 1C	2C / 2C	-10/-40	12.000
70Ah Prismatic Power Cell	NaCrO2 SIB	70.0	2.9	2.0-3.4	203	2 / 4C	5C / 5C	0/-40	30.000
50Ah Prismatic Cell	NFPP SIB	50.0	2.85	1.5-3.4	142.5	2C / 2C	6C / 6C	-20/-40	6.000

Notes: Rates are shown as continuous / pulse. Tmin shows minimum charge/discharge temperature in degrees Celsius.

Operating limits depend on temperature and state of charge.

Refer to the cell specification for pulse durations, voltage limits and cycle-life test conditions.