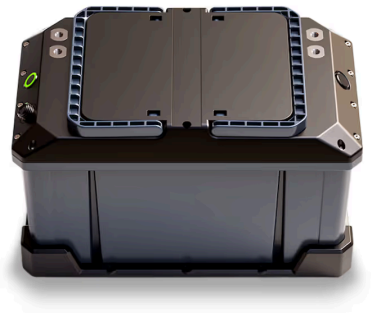
↗ DUAL PURPOSE

AE12-80NA

A sodium-ion pack built with Acculon's CORE technology. Made to power industrial equipment in a BCI G31 form factor.

★★★ MADE IN THE USA



12 V NOMINAL VOLTAGE

80 Ah NOMINAL CAPACITY

0.96 kWh USABLE ENERGY

ELECTRICAL

Nominal voltage	12 V
Nominal capacity	80 Ah
Energy	0.96 kWh
Maximum voltage	15.4 V
Minimum voltage	8 V

CHARGE & DISCHARGE

Max charge rate, continuous	2C / 160 A
Max discharge rate, continuous	3C / 240 A
Continuous rating	240 A
Peak rating (7.5s)	780 A

MECHANICAL

Mass	14.5 kg / 32 lbs
Dimensions, L×W×H	9.44 × 13 × 6.72 in
Thermal management	Passive cooling, active heating
Communication interface	CAN

ENVIRONMENTAL

Operating range, charging	-20 °C to 60 °C
Operating range, discharging	-40 °C to 60 °C
Ingress protection	IP67

STANDARDS & COMPLIANCE

DESIGNED TO COMPLY

- UL 1973
- UL 2271

UNDERLYING CERTIFICATIONS

- ICES-001 Issue 5
- FCC CFR 47 Part 15
- IEC 62619 · LVD 2014/35/EU

FUNCTIONAL SAFETY

- ISO 13849
- IEC 61000-6-2 / 6-4 · EMC 2014/30/EU