

DEEP CYCLE

AE24-90LFP

A lithium-ion pack built with Acculon's CORE architecture. Made to power industrial equipment in rugged environments.



25.6 V

NOMINAL VOLTAGE

90 Ah

NOMINAL CAPACITY

2.30 kWh

USABLE ENERGY

ELECTRICAL

Nominal voltage	25.6 V
Nominal capacity	90 Ah
Energy	2.304 kWh

MECHANICAL

Mass	28.2 kg / 62 lbs
Dimensions, L×W×H	6.9 × 14 × 10.8 in
Thermal management	Passive cooling, active heating
Communication interface	CAN

CHARGE & DISCHARGE

Max charge rate, continuous	1C / 90 A
Max discharge rate, continuous	1.5C / 135 A
Pulse rate, 30 s	5.5C / 495 A

ENVIRONMENTAL

Operating range, charging	0 °C to 55 °C
Operating range, discharging	-20 °C to 55 °C

STANDARDS & COMPLIANCE

DESIGNED TO COMPLY

- UL 1973
- UL 2271
- UL 2580

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