

↗ DEEP CYCLE

# AE12-300LFP

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



**12.8** V

NOMINAL VOLTAGE

**300** Ah

NOMINAL CAPACITY

**3.84** kWh

USABLE ENERGY

## ■ ELECTRICAL

Nominal voltage	12.8 V
Nominal capacity	300 Ah
Energy	3.84 kWh
Maximum voltage	14.6 V
Minimum voltage	10.8 V

## ■ MECHANICAL

Mass	29.5 kg / 65 lbs
Dimensions, L×W×H	19.92 × 7.13 × 10.43 in
Thermal management	Passive cooling, active heating
Communication interface	CAN

## ■ CHARGE & DISCHARGE

Max charge rate, continuous	1C / 300 A
Max discharge rate, continuous	1.5C / 450 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

### 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