

# 29 kWh Complete Battery System

ELINTA MOTORS ESS-400-29-12V-XXX

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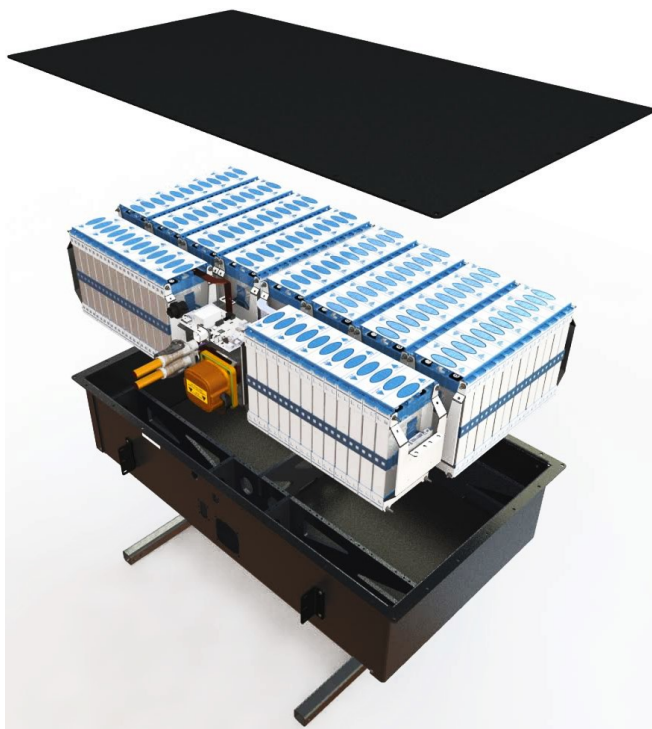
Robust automotive LiFePo4 technology battery systems are designed for commercial applications.

Integrated BMS and climate control ensures 3000+ charge cycles.

500A contactors, MSD, HVIL safety and other necessary features for EV or PHEV applications.

- Electric/Hybrid vehicles
- Industrial UPS
- Heavy Machinery
- 400 V
- 350 A
- 76 Ah

## Key Features



- Integrated BMS
- CAN-bus control, diagnostics
- 10x Modules - 12 cells each (120 cells 400V)
- 76 Ah LiFePo4 cells
- 29 kWh (27 kWh usable energy)
- Dual range 500 A current sensor
- 20 G impact rated structure
- IP6k9k Protection
- Integrated Heater
- Insulation resistance indication
- HVIL detection
- Lightweight aluminum structure

## Power

- 90kW constant discharge
- 130 kW peak discharge
- 350 A MSD fuse
- 1.8 A pre-charge circuit (10s max)

## Drawings

