

20 kWh Complete Battery System

ELINTA MOTORS ESS-20.280-20-12V-XXX

2019-01-03



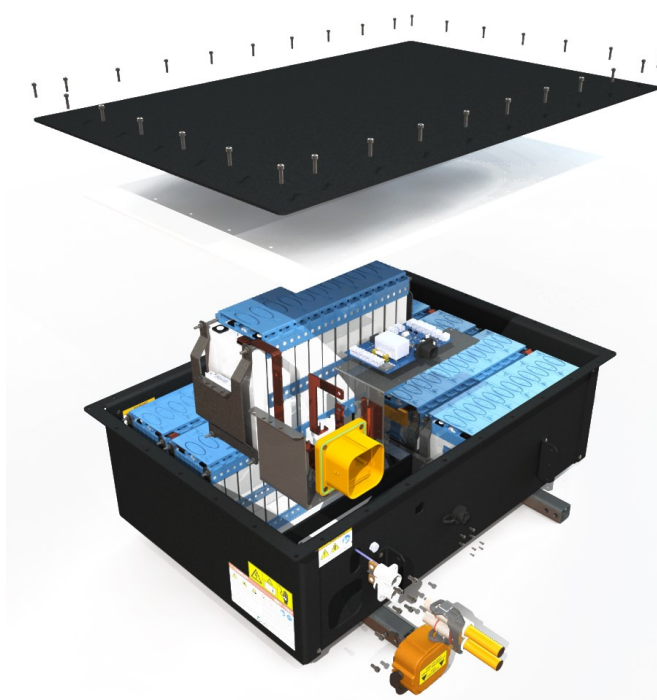
Robust automotive LiFePo4 technology battery systems are designed for commercial applications.

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
- 280 V
- 350 A
- 76 Ah

Key Features



- Integrated BMS
- CAN-bus control, diagnostics
- 7x Modules - 12 cells each (84 cells 280V)
- 76 Ah LiFePo4 cells
- 20 kWh (18 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

- 65kW constant discharge
- 90 kW peak discharge
- 350 A MSD fuse
- 1.8 A pre-charge circuit (10s max)

Drawings

