

VANGUARD



NEW
VANGUARD Fi3.5
24V 3.5kWh
BATTERY

Fi3.5 24 V 3.5 KWH

VANGUARD

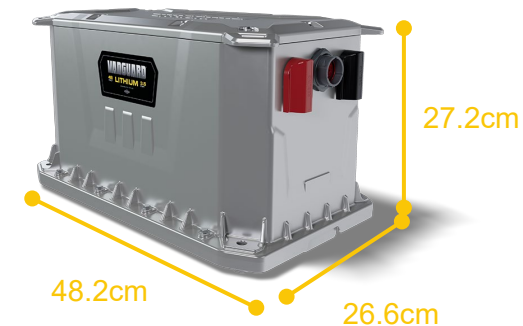


Model No.

Nominal Voltage per IEC 61960	25.8 V
Charge Voltage per IEC 61960	29.4 V
Charge Time (1050 W / 1425 W / 3000 W charger)	4 / 3 / 2 hours
Discharge Cut-off Voltage	17.5 V
Discharge Current (Nominal)	67 A
Discharge Current (Max. Continuous)	134 A
Discharge Current (10 sec surge)	200 A
Nominal Capacity / Energy per IEC 61960	135.9 Ah / 3.5 kWh
Communication Protocols	CAN J1939 (29-bit, 500 kbps)
Discharge Temperature	-20°C to +60°C
Charge Temperature	0°C to +45°C
Marketed Durability	up to 2000 cycles (to 80% init. capacity)
Weight	30 kg
Dimensions (LxWxH)	482 x 266 x 272 mm

FEATURES

- ✓ 7 standard 21700 CMAs (1S28P) in series
- ✓ Battery Management System (BMS)
- ✓ CANbus J1939 communication / dual optional (CAN Open)
- ✓ Plug-in ready charging system
- ✓ Ingress protection rating IP66 and pressure washer
- ✓ Aluminum diecast enclosure
- ✓ Up to 10 batteries parallel capability
- ✓ No scheduled maintenance needs
- ✓ 196 cells (21700) inside



Specifications are subject to change based on development.