

Fi3.5 48 V 3.5 KWH

VANGUARD



Model No.

Nominal Voltage per IEC 61960
Charge Voltage per IEC 61960
Charge Time (1050 W / 1425 W / 3000 W charger)
Discharge Cut-off Voltage
Discharge Current (Nominal)
Discharge Current (Max. Continuous)
Discharge Current (10 sec surge)
Nominal Capacity / Energy per IEC 61960
Communication Protocols
Discharge Temperature
Charge Temperature
Marketed Durability

80110583

51.6 V
58.8 V
4 / 3 / 2 hours
35.0 V
67 A
134 A
200 A
67.5 Ah / 3.5 kWh
CAN J1939 (29-bit, 500 kbps)
-20°C to +60°C
0°C to +45°C
up to 2000 cycles (to 80% init. capacity)
30 kg
482 x 266 x 272 mm

FEATURES

- ✓ 7 split 21700 CMAs (2S14P) 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.