

## Fi3.5 48 V 3.5 KWH

AVAILABLE FROM JANUARY 2023



### Model No.

Nominal Voltage per IEC 61960  
Charge Voltage per IEC 61960  
Charge Time

**80110583**

51.6 V  
58.8 V  
4 hours (1050 W charger)  
2.5 hours (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

35.0 V  
67 A  
168 A  
200 A  
68.3 Ah / 3.5 kWh  
CAN J1939 (29-bit, 500 kbps)  
-20 °C to +70 °C  
-10 °C to +45 °C  
up to 2000 cycles (to 80%  
init. capacity)

Weight  
Dimensions (LxWxH)

31.8 kg  
505 x 266 x 292 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 LG M50L/21700 inside

