

# Fi7.0 48 V 7 KWH

AVAILABLE FROM JANUARY 2023



<b>Model No.</b>	<b>80112214</b>
Nominal Voltage per IEC 61960	51.6 V
Charge Voltage per IEC 61960	58.8 V
Charge Time	8 hours (1050 W charger) 4 hours (3000 W charger)
Discharge Cut-off Voltage	35.0 V
Discharge Current (Nominal)	134 A
Discharge Current (Max.Continuous)	200 A
Discharge Current (10 sec surge)	400 A
Nominal Capacity / Energy per IEC 61960	135.9 Ah / 7.0 kWh
Communication Protocols	CAN J1939 (29-bit, 500 kbps)
Discharge Temperature	-20°C to +70°C
Charge Temperature	-10°C to +45°C
Marketed Durability	up to 2000 cycles (to 80% init. capacity)
Weight	49.9 Kg
Dimensions (LxWxH)	597 x 266 x 362 mm

## FEATURES

- >> 14 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
- >> 392 cells LG M50L/21700 inside

