

CELL POWER

CLF battery series



A durable and high capacity battery for many applications

Highlights

- Up to 6.000 charging cycles at 50% Depth of Discharge (DoD)
- Up to 10 times more cycles and 2 times longer range compared with AGM batteries
- Compact and lightweight (1/3 of the weight and 1/2 of the size of a lead-acid battery)
- IoT module available for constant monitoring – ideal for service and maintenance purposes
- Long operating range compared to other lithium batteries
- High resistance to short and deep discharges
- CAN-bus communication



Remarkable Endurance

Cycle life of up to 6000 cycles, delivering up to twice the usable energy and runtime compared to traditional AGM batteries.



Guaranteed Quality

CLF batteries are backed by a 5-year warranty, reflecting proven reliability and consistent performance.



Safest Choice

Engineered with an advanced Battery Management System (BMS) that protects against overcharging, deep discharge, short circuit, and overheating.

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QUALITY

UN 38.3 certified

IEC 62133:2017 certified

Housing: Coated and galvanised steel

Very robust internal construction capable of withstanding shock and vibration levels typical for EV applications and transport

5-year warranty

BMS AND CAN-COMMUNICATION

Easy communication with CAN-compatible monitoring systems

Several types of monitoring systems available

IoT module available for constant monitoring – ideal for service and maintenance purposes

Wide range of parameters/information available for optimal monitoring of your battery:

- State of Charge (SoC), Voltage, and Ah
- Temperature
- Individual cell voltage
- Service life – number of cycles up to 6.000
- State of Health (SoH)
- Active logging information

THE PERFECT COMBINATION WITH CELLPOWER ACCESSORIES

For optimal operation and lifespan, we recommend using our Cellpower Lithium chargers

Various monitoring systems available



RANGE

Item	Chemistry	Nominal Voltage (V)	Nominal Capacity (Ah)	Dimensions (mm)	Weight (kg)	Terminal
CLF 40 - 24	LiFePO4	25.6	40	197 x 165 x 172	9.7	Insert M6
CLF 60 - 24	LiFePO4	25.6	60	259 x 169 x 219	15	Insert M6
CLF 80 - 24	LiFePO4	25.6	80	329 x 169 x 224	20	Insert M8
CLF 210-24	LiFePO4	25.6	210	443 x 355 x 241	50	Insert M8
CLF 32-48	LiFePO4	51.2	32	260 x 180 x 260	17	Insert M8
CLF 40 - 48	LiFePO4	51.2	40	329 x 169 x 224	20	Insert M8
CLF 105-48	LiFePO4	51.2	105	500 x 343 x 272	48	Insert M8
CLF 160-48	LiFePO4	51.2	160	579 x 360 x 266	62	Insert M8
CLF 105-72	LiFePO4	76.8	105	740 x 320 x 262	72	Insert M8

- Up to 6 batteries can be connected in parallel (higher parallel configurations available on request)
- High Depth of Discharge (DoD)
- Maximum charge and discharge rate of 1C