

LITHIUM RECHARGEABLE BATTERIES LiFePO4 12,8V LIT RANGE ULTRACELL FOR GENERAL PURPOSE / ELECTRIC VEHICLE / RENEWABLE ENERGY



Introduction:

This range of rechargeable ULTRACELL LiFePO4 lithium batteries can be used for all types of applications, such as powering electric vehicles, solar chargers, telecommunications and backup batteries. These batteries use LiFePO4 technology and are maintenance-free. Unlike standard lead-acid/AGM batteries, they can withstand deep discharges and have a life cycle up to 10 times longer. They also have the advantage of being twice as light. They are delivered with only 30% of their total capacity in order to comply with international transport standards before use.

Design life : 20 years.

Cycle life : 2000 @ 100% DOD / 5000 @ 50% DOD.

Operating temperature under load : 0°C to +45°C.

Normal voltage : 12,8 V.

Operating voltage : 10,0V to 14,6V.

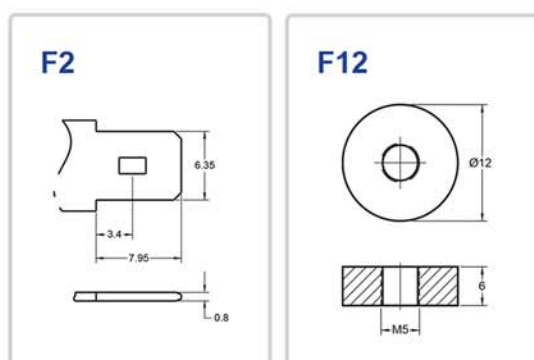


Hardware & Electrical specifications:

References	Voltage	Capacity	Energy	Dimensions (L x W x H)	Weight	Terminal type
LIT12V-8AH	12,8V	8 Ah	102,4 Wh	151 x 65 x 93 mm	0,930 Kg	Faston type 6,35 mm (F2)
LIT12V-12AH	12,8V	12 Ah	153,6 Wh	151 x 98 x 95 mm	1,400 Kg	Faston type 6,35 mm (F2)
LIT12V-20AH	12,8V	20 Ah	256,0 Wh	181 x 77 x 167 mm	3,200 Kg	Screw diameter 5,0 mm (F12)

Item includes:

- 1 battery.
- Fixing screws (for battery 20Ah only).
- Safety form.



References:

LIT12V-8AH
LIT12V-12AH
LIT12V-20AH