



**ULTIMATRON
FRANCE**

**5 YEARS
WARRANTY**

Technical sheet

ULTIMATRON LiFePO4 Smart BMS Underseat of Camping Car 12.8V 100Ah-180Ah



Compared with traditional batteries, our lithium iron phosphate batteries (LiFePO4) has many advantages:

- 5-year manufacturer's warranty
- The safest technology, without risk of fire or explosion
- Long service life
- Constantly improving storage capacity
- High stability even under extreme loads
- No memory effect, no need for full charge and discharge cycles
- High performance even under extreme conditions
- Deep and regular discharge and charging efficiency
- Small size and light weight

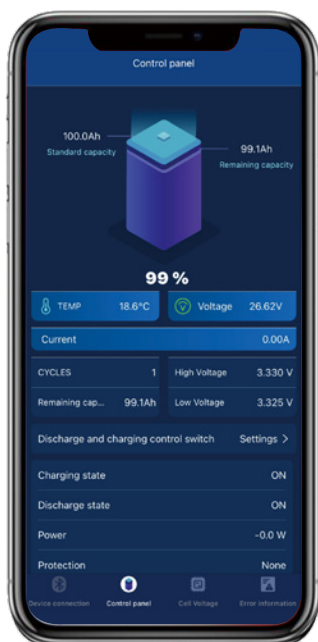
Integrated Battery Management System (BMS)

To allow the control and the charge of the different elements of an accumulator battery and to protect it against overcharging, overvoltages and overheating.



Note: Series and parallel connection for 12V, 24V, 36V, 48V applications.

Integrated Bluetooth 4.0 monitoring



You have all important battery data always on your smartphone or tablet. The application displays the data in real time.

MARQUE FRANÇAISE





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TECHNICAL SHEET


ULS / ULM SMART BMS SERIE 12.8V

Model	ULS-12.8V-100Ah	ULM-12.8V-132Ah	ULM-12.8V-180Ah
Nominal capacity	100Ah/1280Wh	132Ah/1689Wh	180Ah/2304Wh
Operating voltage range	10-14.6V		
Nominal voltage	12.8V		
Number of cycles	≥ 3000 at 80% DoD		
Charging characteristics	CCCV / IU		
Charging voltage	14.6V		
Recommended Charge Current	20A		
Maximum Charge Current	50A		
Maximum Discharge Current	150A		
Peak Discharge Cut-Off Current (5 ~15 ms)	450A		
BMS Battery Management System	Integrated		
Monitoring	Bluetooth 4.0 with smartphone app		
Application/ Interconnection	Series and parallel connection for 12V, 24V, 36V, 48V applications.		
Protection	IP65		
Temperature range (discharge)	-20 ~ 60°C		
Temperature range (charge) *	0 ~ 45°C		
Temperature range (storage)	-5 ~ 35°C		
Case Material	ABS	Metal	Metal
Connection screw	M8		
Warranty	5-year manufacturer's warranty		
Weight	12.6kg	19.2kg	23.7kg
Dimensions (L x W x H) in mm	355 x 175 x 188 mm	357 x 338 x 152 mm	357 x 338 x 152 mm

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