



**ULTIMATRON  
FRANCE**

**3 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:

- 3 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

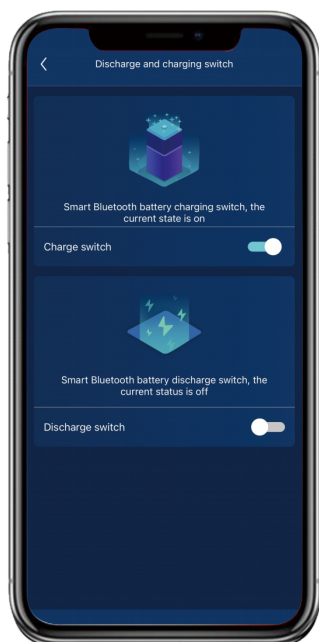
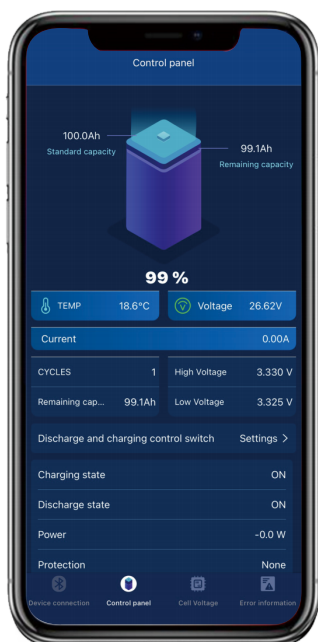
### Integrated Battery Management System (BMS)

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		
Connection screw	ABS	Metal	Metal
Case Material	M8		
Warranty	3-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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