ULTIMATRON FRANCE

5 YEARS WARRANTY

Technical sheet

ULTIMATRON LiFePO4 Smart BMS 12.8V / 24V 54Ah-200Ah



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

★★★★★

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

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, over-voltages and overheating.

4.0 Bluetooth® Low Energy

ANDROID APP ON Google play

Download on the App Store



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

ULTIMATRON FRANCE

TECHNICAL SHEET

UBL SMART BMS SERIE 12.8V

ULTIMATRON LiFePO4 Smart BMS 12.8V / 24V 54Ah-200Ah

Model	UBL-12V-100Ah	UBL-12V-150Ah	UBL-12V-200Ah	UBL-12V-54Ah	UBL-24V-54Ah	UBL-24V-100Ah
Nominal capacity	100Ah/1280Wh	150Ah/1920Wh	200Ah/2560Wh	54Ah/691.2Wh	54Ah/1382.4Wh	100Ah/2560Wh
Operating voltage range	10-14.6V				20-29.2V	
Nominal voltage	12.8V				25.6V	
Number of cycles	⩾3000 at 80% DoD					
Charging characteristics	CCCV / IU					
Charging voltage	14.6V			14.6V	29.2V	29.2V
Recommended Charge Current	20A			10.8A	10.8A	20A
Maximum Charge Current	50A			27A	27A	50A
Maximum Discharge Current	150A			150A	100A	100A
Peak Discharge Cut-Off Current (5~15 ms)	450A			450A	300A	300A
BMS Battery Management System	Integrated					
Monitoring	Bluetooth 4.0 with smartphone app					
Application/ Interconnection	Series and parallel connection for 12V, 24V, 36V, 48V applications.				Series and parallel connection for 24V, 48V applications.	
Protection	IP65					
Temperature range (discharge)	-20 ~ 60°C					
Temperature range (charge) *	0 ~ 45°C					
Temperature range (storage)	-5 ~ 35°C					
Connection screw	M8					
Warranty	5-year manufacturer's warranty					
Weight	11.7kg	17.8kg	23.5kg	6.5kg	14.1kg	23.5kg
Dimensions (L x W x H) in mm	330*172*223mm	483*170*240mm	522*240*218mm	260*168*209mm	330*172*215mm	522*240*218mm

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