



ULTATRON  
FRANCE

5 YEARS  
WARRANTY

## Technical sheet

ULTATRON LiFePO4 Smart BMS Waterproof Portable Lithium Battery

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

- 5 years 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)

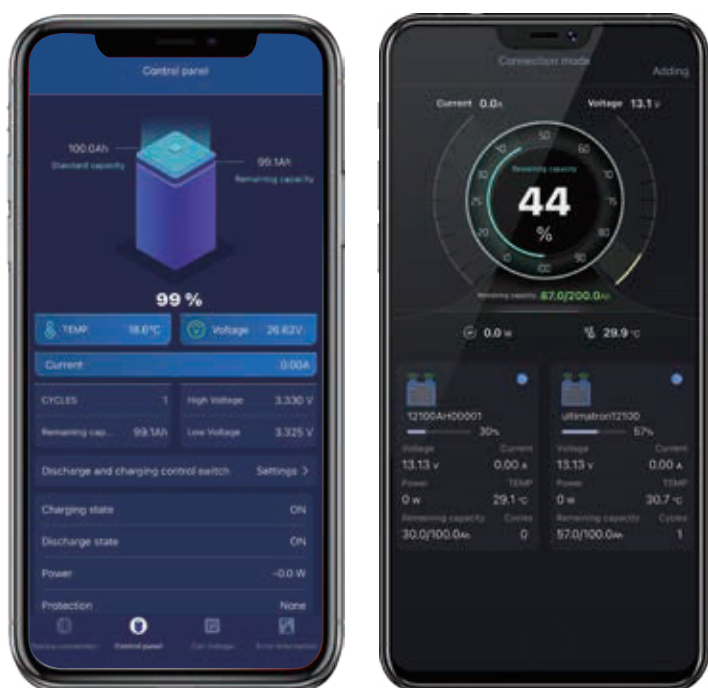
To allow the control and the charge of the different elements of an accumulator battery and to protect it against overcharging, overvoltages and overheating.



### 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



# TECHNICAL SHEET



## ULTIMATRON LiFePO4 Smart BMS Waterproof Portable Lithium Battery ULP-12-100

### ELECTRICAL PERFORMANCE

Nominal Voltage	12,8V
Nominal Capacity	100Ah
Maximum motor thrust	80lbs
Energy	2000W
Number of Cycles	>6000@80%D.o.D

### CHARGE PERFORMANCE

Recommended charge current	≤40A
Maximum charge current	75A
Charge Cut-Off Voltage	14.6V

### DISCHARGE PERFORMANCE

Maximum continuous Discharge Current	100A
Peak Discharge Cut-Off Current	200A
Discharge Cut-Off Voltage	10V

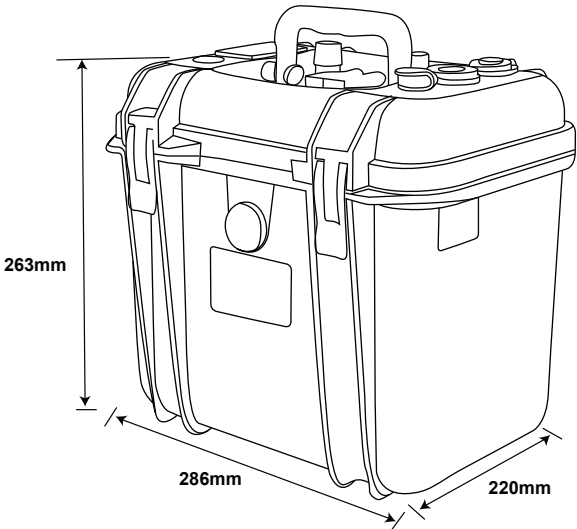
### TEMPERATURE PERFORMANCE

Discharge Temperature	-20°C-50°C
Charge Temperature	0°C-45°C
Storage Temperature	5-30°C

### MECHANICAL PERFORMANCE

Weight	12.2kg
Connector Type	M8, Anderson 50A, UBS-A, USB-C, Cigarette lighter
Display	HD color screen
Case Material	ABS
Ingress Protection Code	IP65
Bluetooth	Bluetooth 4.0 with smartphone app

### DIMENSION



DIN Standard Dimensions L286 \* W220 \* H263 mm

### COMPLIANCE

Certifications	CE UN38.3 UL1642 & IEC62133 ECE R10
Shipping Classification	UN 3480, CLASS 9



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V1 17.09.25

