



# AML Series LifePo4 Battery

## AML12-100/AML12-120/AML12-150/AML12-200

### DEEP CYCLE RECHARGABLE BATTERY

12.8V/100AH/1280WH, 12.8V/120AH/1536WH, 12.8V/150AH/1920WH, 12.8V/200AH/2560WH



**Parallel**  
Support 4 pcs series and 4 pcs parallel



**Cycle life**  
>4000 Cycles @ 90%DOD



**Smart design**  
IP65 Waterproof and moisture-proof



**OEM Service**  
Logo branding, Custom case color



Model	AML12-100	AML12-120	AML12-150	AML12-200
<b>Electrical Parameter</b>				
Battery Type	LiFePO4 (LITHIUM IRON PHOSPHATE)			
BMS	Built-in BMS			
Norminal Energy	1280WH	1536WH	1920WH	2560WH
Norminal Capacity	100Ah	120Ah	150Ah	200Ah
Norminal Voltage	12.8V	12.8V	12.8V	12.8V
Cycle Life	>4000			
<b>Charge Parameter</b>				
DC Normal Charge Voltage	14.4-14.6V			
Recommended Charge Current	<0.2C			
Allowed Max.Charge Current	100A	120A	150A	200A
Charge Cut-off Voltage	14.6±1Vdc			
Charge Mode	0.2C to 14.6V, then 14.6V, charge current to 0.02C(CC/CV)			
<b>Discharge Parameter</b>				
Continuous Discharge Current	0.5C	0.5C	0.5C	0.5C
Allowed Max. Discharge Current	100A	120A	150A	200A
Discharge Cut-off Voltage	10V			
Max. Pulse Current Discharge	200A10S	240A10S	300A10S	400A10S
<b>Environmental &amp; Mechanical Parameter</b>				
Charge Temperature	0°C to 55°C(32°F to131°F)			
Discharge Temperature	-20°C to 60°C(4°F to 140°F)			
Enclosure Protection Level	IP65			
Case Material	ABS			
Dimensions (mm)	307*169*208	307*169*208	329*170*214	483*170*240
Weight (kg)	11kg	13kg	15kg	21kg
Parallel & Series	Support 4 pcs series and 4 pcs parallel			