



# BSM-Series

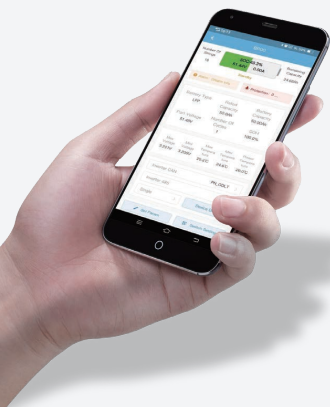
The product of BSM Series is specially designed for multiple applications by Bluesun.

These battery modules adopt an ABS shell, which can be used 24/7. They have outstanding advantages of being waterproof, Bluetooth capabilities, impact resistance, good insulation performance, easy installation and maintenance-free.

These allow them to meet the application of Rvs, solar lights, small medical equipments, toys and some small off-grid energy storage scenarios.

Battery modules integrate intelligent BMS inside which offers great advantages in terms of safety, cycle life, balancing and smart control.

APP Download:



ISO



Android



## Low Temperature Heating

Our multipurpose batteries can be heated, to ensure normal operation and charging in temperatures as low as -20°C (-5°F).



## Bluetooth

Connect to your battery via Bluetooth using our mobile app for continuous, real-time monitoring of your battery's status.



## IP65

Ensure peace of mind during your next fishing or water sports adventure.



## Detachable Design

This design ensures good maintainability of the battery and avoids damage to the case during possible repairs.

# B<sup>Series</sup> SM

## BSM12104 Lithium Battery



### BSM12104

#### Basic Parameter

Rated Voltage(V)	12.8
Rated Capacity(Ah)	104
Rated Energy (wh)	1331.2

#### Operation Parameter

Voltage Range (V)	10-14
Cut-off Voltage(V)	10
Recommended Charge Current(A)	≤50
Max Constant Charge Current(A)	100
Max Discharge Current(A)	100A(constant) 120A (Pulse:30s)

#### Physical Parameter

Dimension:W*D*H(mm)	331*171*217
Weight(KGS)	11.5
Display Method	Bluetooth

#### Service Life

Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)
Design Life (Year)	10+

#### Environment Parameter

Humidity (%)	5-95% RH
Charge Temperature Range	-20~45°C/-4~113°F(Heating)
Discharge Temperature Range	-20~55°C/-4~131°F
Storage Temperature Range	-20~45°C/-4~113°F

#### Certification

Safety & Certification	CE
Transportation	UN38.3

# B Series BSM

## BSM12208/24104 Lithium Battery



	BSM12208	BSM24104
<b>Basic Parameter</b>		
Rated Voltage(V)	12.8	25.6
Rated Capacity(Ah)	208	104
Rated Energy (wh)	2662.4	2662.4
<b>Operation Parameter</b>		
Voltage Range (V)	10-14	20-28
Cut-off Voltage(V)	10	20
Recommended Charge Current(A)	≤100	≤50
Max Constant Charge Current(A)	200	100
Max Discharge Current(A)	200A(constant) 220A (Pulse:30s)	100A(constant) 120A (Pulse:30s)
<b>Physical Parameter</b>		
Dimension:W*D*H(mm)	502*186.5*242	502*186.5*242
Weight(KGS)	21.5	21.5
Display Method	Bluetooth	
<b>Service Life</b>		
Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)	
Design Life (Year)	10+	
<b>Environment Parameter</b>		
Humidity (%)	5-95% RH	
Charge Temperature Range	-20~45°C/-4~113°F(Heating)	
Discharge Temperature Range	-20~55°C/-4~131°F	
Storage Temperature Range	-20~45°C/-4~113°F	
<b>Certification</b>		
Safety & Certification	CE	
Transportation	UN38.3	

# B Series BSM

## BSM12280 Lithium Battery



### BSM12280

#### Basic Parameter

Rated Voltage(V)	12.8
Rated Capacity(Ah)	280
Rated Energy (wh)	3584

#### Operation Parameter

Voltage Range (V)	10-14
Cut-off Voltage(V)	10
Recommended Charge Current(A)	≤100
Max Constant Charge Current(A)	200
Max Discharge Current(A)	200A(constant) 220A (Pulse:30s)

#### Physical Parameter

Dimension:W*D*H(mm)	522*244*222
Weight(KGS)	28.0
Display Method	Bluetooth

#### Service Life

Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)
Design Life (Year)	10+

#### Environment Parameter

Humidity (%)	5-95% RH
Charge Temperature Range	-20~45°C/-4~113°F(Heating)
Discharge Temperature Range	-20~55°C/-4~131°F
Storage Temperature Range	-20~45°C/-4~113°F

#### Certification

Safety & Certification	CE
Transportation	UN38.3

# B Series BSM

## BSM24208 Lithium Battery



### BSM24208

#### Basic Parameter

Rated Voltage(V)	25.6
Rated Capacity(Ah)	208
Rated Energy (wh)	5324.8

#### Operation Parameter

Voltage Range (V)	20-28
Cut-off Voltage(V)	20
Recommended Charge Current(A)	≤100
Max Constant Charge Current(A)	200
Max Discharge Current(A)	200A(constant) 220A (Pulse:30s)

#### Physical Parameter

Dimension:W*D*H(mm)	635*244*220.5
Weight(KGS)	38
Display Method	Bluetooth

#### Service Life

Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)
Design Life (Year)	10+

#### Environment Parameter

Humidity (%)	5-95% RH
Charge Temperature Range	-20~45°C/-4~113°F(Heating)
Discharge Temperature Range	-20~55°C/-4~131°F
Storage Temperature Range	-20~45°C/-4~113°F

#### Certification

Safety & Certification	CE
Transportation	UN38.3