



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 equipment, 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.

BSM Series

BSM12104LPABS
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)	11.7
Display Method	Bluetooth
Service Life	
Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)
Design Life (Year)	5+
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
SM

BSM12208/24104LPABS

Lithium Battery



BSM12208		BSM24104	
Basic Parameter			
Rated Voltage(V)	12.8		25.6
Rated Capacity(Ah)	208		104
Rated Energy (wh)	2662.4		2662.4
Operation Parameter			
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)
Physical Parameter			
Dimension:W*D*H(mm)	502*186.5*242		502*186.5*242
Weight(KGS)	22.3		22.3
Display Method	Bluetooth		
Service Life			
Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)		
Design Life (Year)	5+		
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		

Series
BSM

BSM12280LPABS
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*222.5
Weight(KGS)	25.8
Display Method	Bluetooth
Service Life	
Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)
Design Life (Year)	5+
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}SM

BSM24208LPABS 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)	35.4
Display Method	Bluetooth
Service Life	
Cycle Life (Time)	>6000(0.5C@25°C, 80% DOD)
Design Life (Year)	5+
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