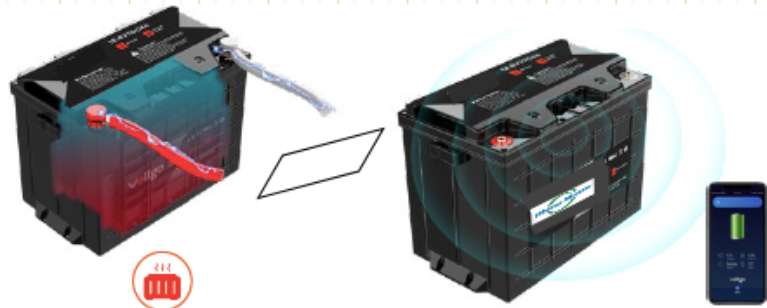


# RHINO Motor Technologies Inc.

Batteries for Boat



# 1280A Replacement Lithium Battery



**Heating Features**  
(ambient temperature is between -20~0°C)

Bluetooth

Basic Parameter	
Rated Voltage (V)	12.8
Rated Capacity (Ah)	100
Rated Energy (Wh)	1280
Operation Parameter	
Voltage Range (V)	10-14
Cut-off Voltage (V)	10
Recommended Charge Current (A)	≤ 30
Max Constant Charge Current (A)	100
Max Discharge Current (A)	100A (Constant) / 150A (Pulse:30s)
Physical Parameter	
Dimension: W*D*H	308*175*220 (mm) / 12.12*6.9*8.66 (in)
Weight	11.5 (kg) / 25.35 (lb)
Display Method	Bluetooth
Service Life	
Cycle Life (Time)	> 6000 (0.5C@ 25°C, 80% DOD)
Design Life (Year)	15
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, UL1973, IEC62619 (In progress)
Transportation	UN38.3

## 2560(A / B) Replacement Lithium Battery



Multipurpose Batteries  
Combination



Heating Features  
(ambient temperature is between -20~0°C)



Bluetooth

	2560A	2560B
<b>Basic Parameter</b>		
Rated Voltage (V)	12.8	25.6
Rated Capacity (Ah)	200	100
Rated Energy (Wh)	2560	2560
<b>Operation Parameter</b>		
Voltage Range (V)	10-14	22.4-28
Cut-off Voltage (V)	10	22.4
Recommended Charge Current (A)	≤ 60	≤ 30
Max Constant Charge Current (A)	150	100
Max Discharge Current (A)	150A (Constant) 250A (Pulse:30s)	150A (Constant) 200A (Pulse:30s)
<b>Physical Parameter</b>		
Dimension: W*D*H	460*220*212 (mm) / 18.11*8.66*8.35 (in)	
Weight	24 (kg) / 53 (lb)	
Display Method	Bluetooth	
<b>Service Life</b>		
Cycle Life (Time)	> 6000 (0.5C@ 25°C, 80% DOD)	
Design Life (Year)	15	
<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	(IEC62619, CE in progress)	
Transportation	UN38.3	

# 5120(5120 A/B/C) Replacement Lithium Battery



Multipurpose Batteries Combination



Heating Features  
(ambient temperature is between -20~0°C)



Bluetooth

	5120A	5120B	5120C
<b>Basic Parameter</b>			
Rated Voltage (V)	12.8	25.6	51.2
Rated Capacity (Ah)	400	200	100
Rated Energy (Wh)	5120		
<b>Operation Parameter</b>			
Voltage Range (V)	10-14	22.4-28	44.8-56
Cut-off Voltage (V)	10	22.4	44.8
Recommended Charge Current(A)	≤ 120	≤ 60	≤ 30
Max Constant Charge Current (A)	200	150	100
Max Discharge Current (A)	250A (Constant) 350A (Pulse:30s)	150A (Constant) 200A (Pulse:30s)	100A (Constant) 150A (Pulse:30s)
<b>Physical Parameter</b>			
Dimension: W*D*H	460*320*247 (mm) / 18.11*12.60*9.72 (in)		
Weight	43 (kg) / 95 (lb)		
Display Method	Bluetooth		
<b>Service Life</b>			
Cycle Life (Time)	> 6000 (0.5C@ 25°C, 80% DOD)		
Design Life (Year)	15		
<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, IEC62619 in progress)		
Transportation	UN38.3		