



# 12V Sodium-ion Start Battery

12V 3.9Ah/ 12V 5.2Ah



# Technical Specification



Model

GWN124S

GWN125S

## BATTERY

Cell Type	Sodium-ion (Na-ion)	
Nominal Voltage	12.0V	
Working Voltage Range	6.0~16.0V	
Rated Capacity	3.9Ah	5.2Ah
Nominal Energy	46.8Wh	62.4Ah
Peak Current	150 CCA	200 CCA
Max. Starting Current	78A >3s	104A >3s
Internal Resistance	≤150 mΩ	
Cycle Life	≥3,000 Cycles @80%DOD 25°C	
Warranty	5 Years	

## CHARGE & DISCHARGE

Charge Voltage	≤16.0V
Standard Charging Current	0.5C
Standard Discharge Current	0.5C
Charging Cut-off Voltage	16V
Discharging Cut-off Voltage	6V

## MECHANICAL

Terminal Type	M5	
Dimensions (L*W*H)	4.1*2.7*4.5 in/105*70*113 mm	5.9*3.4*3.6 in/150*87*93 mm
Weight	1 lbs./ 0.77 kg	2 lbs./ 0.98 kg
Case Material	ABS(Flame Retardant Plastic)	

## TEMPERATURE

Operation	-40-80°C / -40°F~176°F
Charge	-20°C~45°C / -4°F~113°F
Discharge	-40°C~60°C / -40°F~140°F