

Battery Start-Stop



Sodium ion battery

LITHIUM	AGM	SODIUM
LiFe	AGM	Na Ion
Amp Hour Capacity		
125Ah	100Ah	100Ah
Usable Capacity		
110Ah	50Ah	93Ah
Weight		
15kg	32kg	14kg
No of Cycles at 100% DOD		
3,000	500	10,000
Continuous Discharge Current		
65A	50A	300A
Lowest Operating Temperature		
ZERO C	MINUS 20C	MINUS 30C


 Wide voltage range

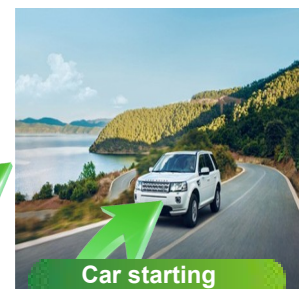
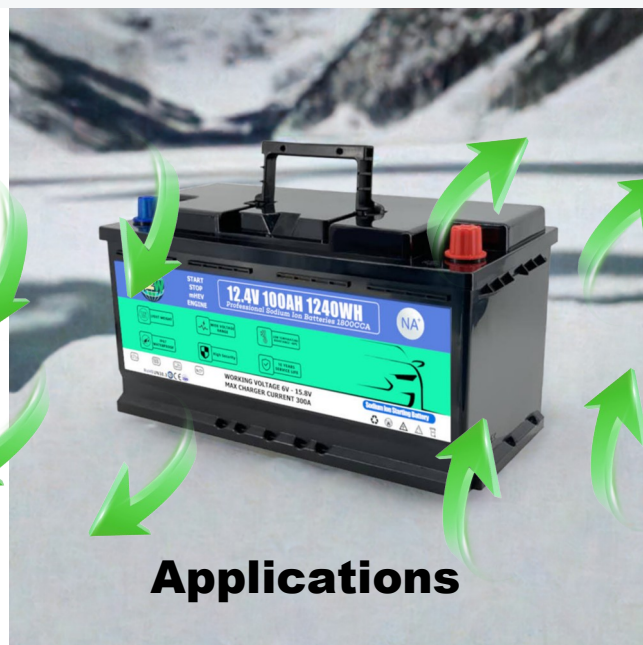
 Low temperature resistance

 Lighter than lead-acid batteries

 Excellent Safety Performance

 IP67 Waterproof, windproof and rainproof

 4 year warranty, 8 year servicelife



Function Parameter

Product number	H2W-NA1250S	H2W-NA1260S	H2W-NA1270S	H2W-NA1280S	H2W-NA12100S
Electrical Characteristics					
Nominal Voltage	12.4V				
Nominal capacity	50Ah	60Ah	70Ah	80Ah	100Ah
Energy	620Wh	744Wh	868Wh	992Wh	1240Wh
Internal Resistance	≤3mΩ				
Cycle life	≥3000 cycles @ 60%DOD				
Months Self Discharge	≤3%				
Efficiency of Charge	100% @0.5C				
Efficiency of Discharge	96~99% @1C				
Standard Charge					
Charge Cut-off Voltage	15.8V +0.2				
Charge Mode	0.2C to 15.8V, then 15.8V,charge current to 0.02C(cc/cv)				
Standard Charge Current	0.2C				
Max. Charge Current	3C				
Standard Discharge					
Continuous Current	1C				
Max. Pulse Current	10C				
Discharge Cut-off Voltage	6V				
Environmental					
Charge Temperature	-10°C~45°C @60+25% Relative Humidity				
Discharge Temperature	-50°C~90°C @60+25% Relative Humidity				
Storage Temperature	-10°C to 60 °C(32F to 104F) @60+25% RelativeHumidity				
Water Dust Resistance	IP67				
Mechanical					
Plastic Case	ABS				
dimension(mm)	207X175X180	244X175X189	279X176X187	318X175X188	355X175X188
Weight	9kg	10kg	11kg	12kg	13kg
Terminal	M8 Terminals for Starter				
Function	Support Customization				
Color	Black				