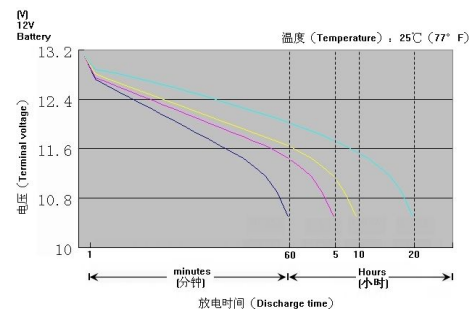
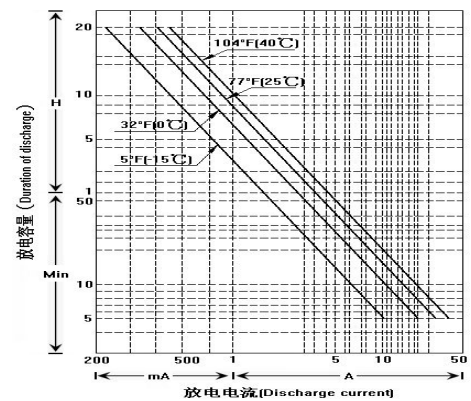


Discharge characteristics 77°F(25°C)



Duration of discharge VS discharge current



Specifications:	
Model:	ES1223
Nominal Voltage	12V
Rated Capacity	
20 Hour Rate (0.115A to 10.5V)	2.3Ah
Hourly rate conversion capacity	
1 Hour Rate (2.3A to 10.5V)	1.4Ah
5 Hour Rate (0.46A to 10.5V)	2.0Ah
10 Hour Rate (0.23A to 10.5V)	2.1Ah
20 Hour Rate (0.115A to 10.5V)	2.3Ah
Dimension and Weight	
Length	178±2mm
Width	35±2mm
Height	61±2mm
Total Height	67±2mm
Weight	0.94Kg
Shell	ABS
Self discharge Rate (20°C)	≥85%/3month
Internal Resistance	Fully charged Battery ≤10mΩ
Operating Temperature Ranger	
Discharge	-35°C (-31°F) ~ 50°C (122°F)
Charge	-15°C (5°F) ~ 40°C (104°F)
Storage	-15°C (5°F) ~ 40°C (104°F)
Charging Methods	
Floating Use	13.5V ~ 13.8V(25°C), Compensation co-efficient-3mv/cell/°C
Cycling Use	14.7V ~ 14.9V(25°C), Compensation co-efficient-5mv/cell/°C
Max Charge Current	0.15C2(A)
Applications	Electric vehicle, solar power, wind power, telecom systems, UPS, Medical