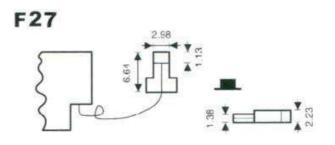


- Measuring equipment and instrument
- Telephone sets
- Lighting equipment
- Security systems



General Features

- Designed floating charging service life: 8 years (25°C)
- Sealed and maintenance free operation
- Safety valve installation for explosion proof
- Low self-discharge characteristic
- Wide operating temperature range from 10℃-40℃
- Lead Aluminum calcium Tin alloy high energy, prevent corrosion

PHYSICAL SPECIFICATIONS						
	Nominal Voltage	12V				
Non	ninal Capacity (20HR)	0.8AH				
	Length	97±1mm				
Dimensions	Width	25±1mm				
Dilliensions	Container height	63±1mm				
	Total Height (with terminal)	63±1mm				
	Weight±3%	Approx 0.36Kg(0.79lbs)				
Internal Res	sistance(In full charge status)	≈128.5mΩ				
S	Standard Terminals	F27(standard)				

Constant – Voltage Charge						
Cycle application	1.	Limit initial current less than 0.2A.				
	2.	Charge until battery voltage (under charge) reaches 14.1V to 14.4V at 25 $^{\circ}\text{C}$ (77F) .				
	3.	Hold at 14.1V to 14.4V until current drop to under 0.005A for at least 3 hours.				
	4.	Temperature compensation coefficient of charging voltage is -30mV/ $^{\circ}\mathrm{C}$.				
Standby service	1.	Hold battery across constant voltage source of 13.6to 13.8 volts with current limit				
		0.2A continuously .When held at this voltage , the battery will seek its own current				
		level and maintain itself in a fully charge status.				
	2.	Temperature compensation coefficient of charging voltage is -18mV/ $^{\circ}\mathrm{C}$				
NOTE : The battery should be charged within 6 months of storage ,Otherwise , permanent loss of capacity might occur						



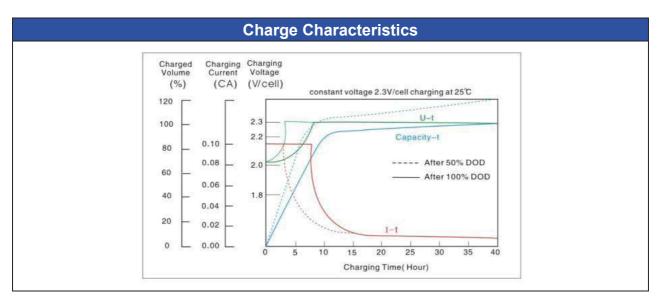


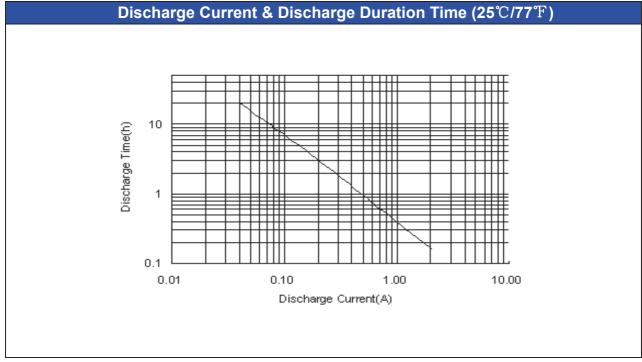














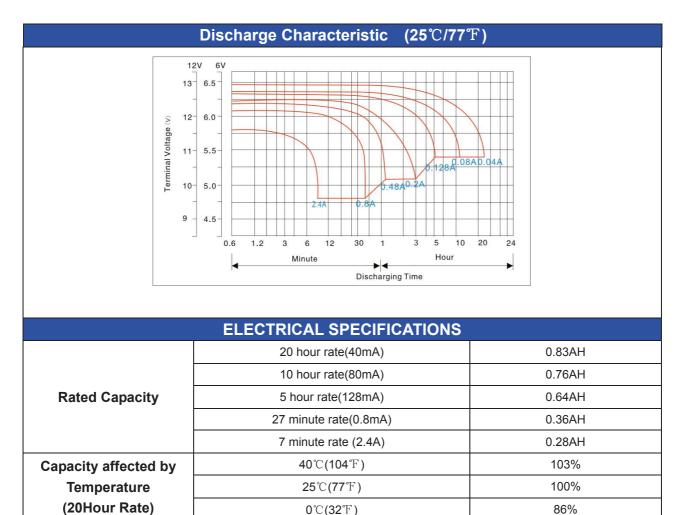








86%



Constant Current Discharge Data Sheet (Amperes at 25℃)										
End	Minute (M)				Hour (H)					
Voltage/cell	5	10	20	45	1	2	4	8	10	20
1.70	3.003	1.958	1.097	0.564	0.492	0.287	0.164	0.093	0.078	0.043
1.75	2.973	1.937	1.087	0.554	0.487	0.277	0.160	0.092	0.077	0.042
1.80	2.942	1.917	1.076	0.552	0.482	0.267	0.157	0.091	0.076	0.041

0°C(32°F)

Constant Power Discharge Data Sheet (Watt at 25 $^\circ$ C)										
End	Minute (M)				Hour (H)					
Voltage/cell	5	10	20	45	1	2	4	8	10	20
1.70	36.08	23.47	13.12	6.765	5.904	3.444	1.968	1.117	0.927	0.500
1.75	35.67	23.22	13.02	6.704	5.843	3.321	1.927	1.107	0.903	0.494
1.80	35.26	22.96	12.92	6.632	5.781	3.198	1.886	1.097	0.878	0.488











