

Sealed Lead Acid Battery

Sealed Lead Acid batteries are designed with AGM(Absorbent Glass Mat) technology, High performance plates and electrolyte to give extra power output for common power backup system. Sealed Lead Acid Batteries are the general purpose batteries with 5 years floating design life at 25°C.

General Features

Heavy Duty Grid
Mechanized assembly
Non-spillable construction
High Reliability and Stability
Sealed and Maintenance-free
Long Life and low self-discharge design

Construction

Negative.....Lead
Terminal.....Copper
Positive.....Lead dioxide
Electrolyte.....Sulfuric acid
Separator.....Fiber glass
Safety Valve.....EPDR
Container.....ABS(UL94-HB) / (UL94-V0)

6FM26/12Volt 26Ah

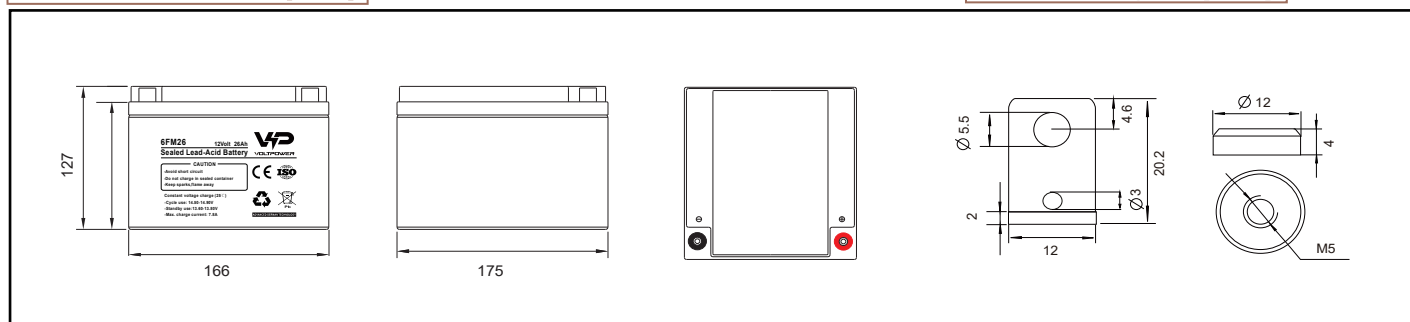


Specification

Battery Model	Nominal Voltage	12V		
	Rated capacity (20Hour rate)	26Ah		
	Cells Per battery	6		
Dimension	Length	Width	Height	Total Height
	166mm	175mm	125mm	125mm
Approx Weight	7.20Kg			
Internal Resistance	Full charged at 25°C (77°F): Approx 14mΩ			
Max.discharge current	390A(5s)			
Floating design life @ 25°C (77°F)	5 years			
Capacity @ 25°C (77°F)	20Hour rate(1.3A/10.5V)	10Hour rate(2.34A/10.5V)	5Hour rate(4.21A/10.5V)	1Hour rate(15.6A/10.5V)
	26Ah	23.4Ah	21Ah	15.6Ah
Capacity affected by Temp(20 HR)	40°C (104°F)	25°C (77°F)	0°C (32°F)	-15°C(5°F)
	102%	100%	85%	65%
Self Discharge @ 25°C (77°F)	After 3 months storage	After 6 months storage	After 12 months storage	
	91%	82%	64%	
Charge method @ 25°C (77°F)	Cycle Use	14.5-14.9V (Initial charging current less than 7.80 A)		
	Float Use	13.6-13.8V		

Outer dimension (mm)

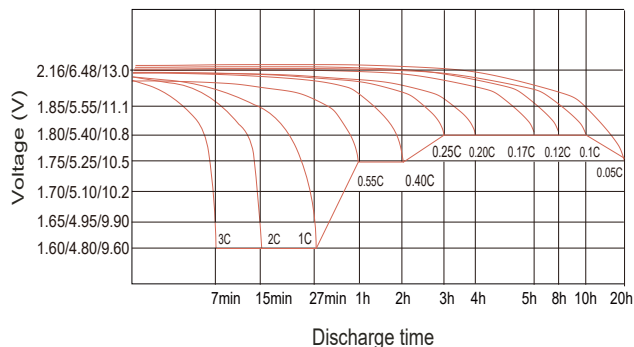
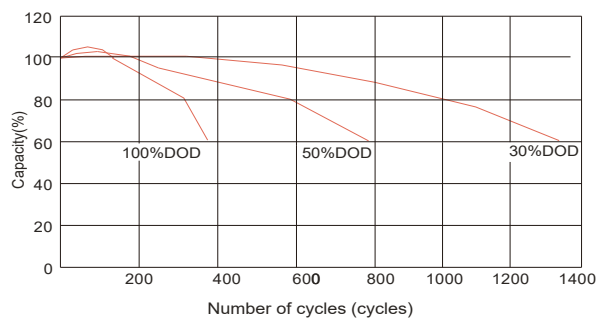
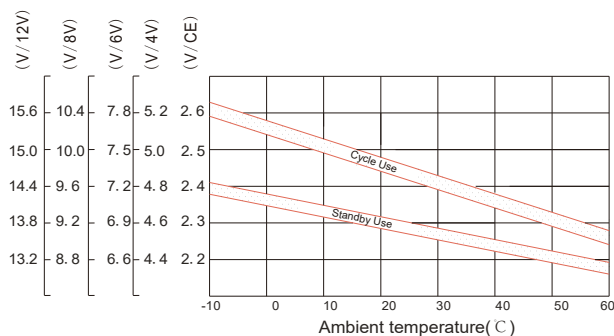
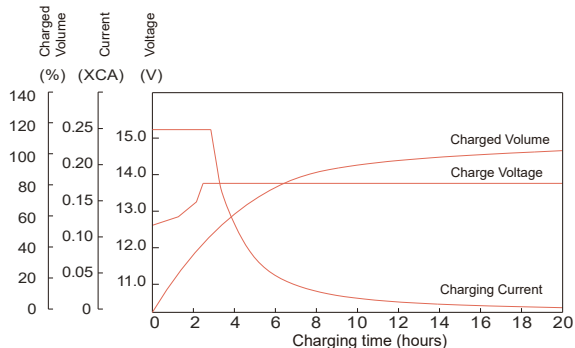
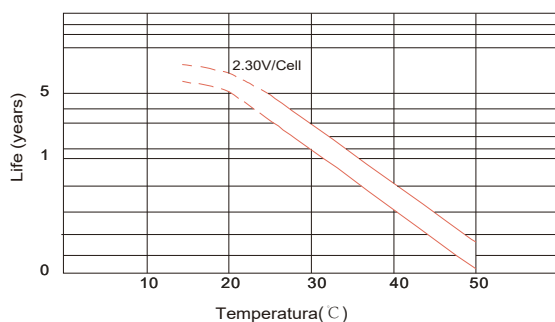
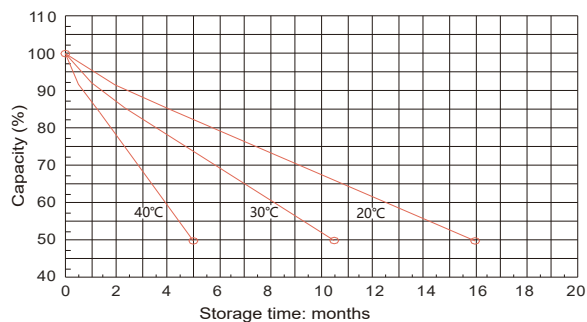
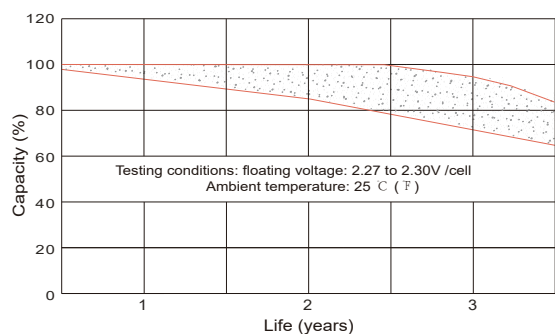
Terminal Type (mm)



Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C (77°F)

F.V / TIME		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60V	A	94.22	73.35	53.72	30.78	17.11	10.48	7.88	6.38	4.56	3.01	2.47	1.33
	W	998.77	778.93	574.76	332.47	186.48	114.21	86.66	70.16	50.17	33.43	27.42	14.92
10.20V	A	85.72	64.22	48.10	28.08	16.12	9.77	7.44	6.03	4.47	2.96	2.42	1.31
	W	934.37	712.84	536.32	315.90	181.35	110.42	84.03	68.46	50.78	33.64	27.42	14.89
10.50V	A	78.79	58.47	44.72	27.24	15.60	9.47	7.20	5.88	4.42	2.93	2.39	1.30
	W	866.72	657.80	505.34	310.52	177.84	108.41	82.46	67.57	50.83	33.64	27.51	14.95
10.80V	A	71.73	53.07	41.34	26.00	15.08	9.12	6.99	5.69	4.23	2.85	2.33	1.27
	W	789.02	604.95	473.34	300.27	174.17	105.36	81.13	66.34	49.22	33.19	27.13	14.77
11.10V	A	62.03	48.91	33.46	24.20	14.30	8.13	6.11	4.77	4.04	2.77	2.28	1.24
	W	700.98	564.86	388.16	283.09	167.31	95.06	71.79	56.25	47.68	32.73	26.85	14.57

Note: The above datas are average values. (Edition 2017-11)

Discharge characteristic Curve

Cycle service life in relation to depth of discharge

Relationship between charging voltage and temperature

Constant voltage charging characteristic (0.25CA, at 25°C)

Temperature effects on float life

Self-discharge characteristic

Life characteristics of standby use

Charge characteristic Curve for standby use
