

Advantages

- High Performance according to EUROBAT Classification
- High discharge performance
- 99%+ gas recombination efficiency
- Maximum charge efficiency
- Low self-discharge rate
- Easy installation and handling

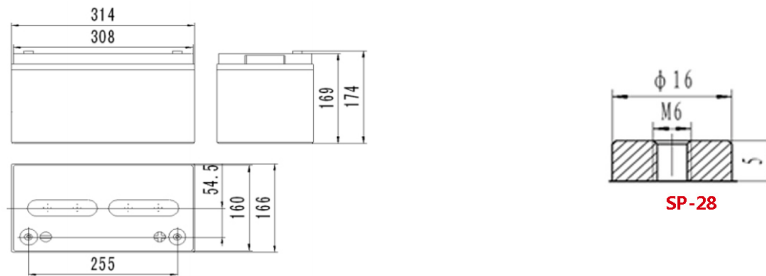
Application

- Telecommunication
- Power system
- UPS
- Emergency power

Standards

- IEC 60896-21/22:2004
- JIS C8704-1/2:2006
- Eurobat guide
- installation compliant with EN50272-2

Drawing



Specification

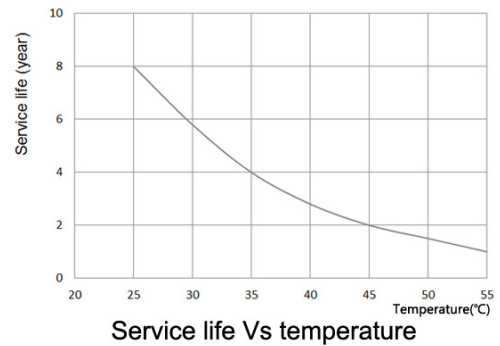
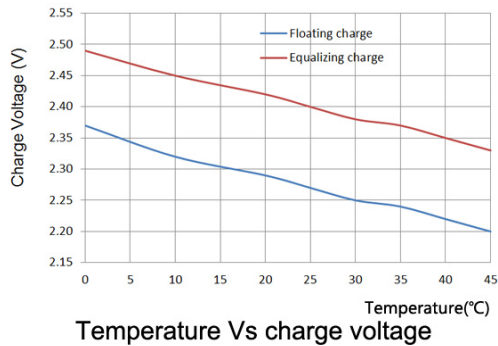
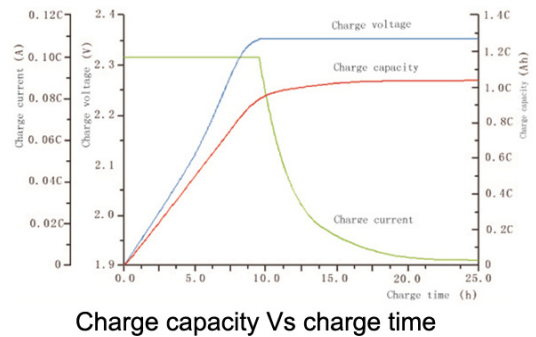
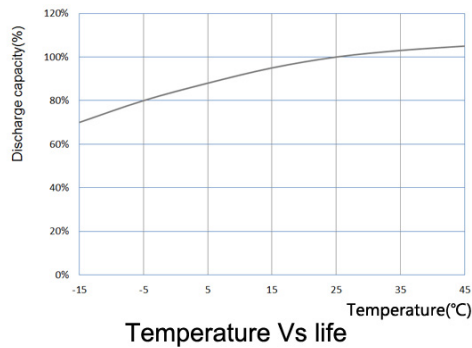
Battery Model	6GFM-65			
Designed Life(Years)	10			
Capacity(Ah/25°C)	10HR(6.5A,1.80V/Cell)	5HR(10.02A,1.80V/Cell)	3HR(16.26A,1.80V/Cell)	1HR(35.8A,1.75V/Cell)
	65	55.1	48.75	35.75
Dimensions	Length(mm)	Width(mm)	Height(mm)	Total Height(mm)
	314	166	169	174
Approx.Weight(Kg)	20.6			
Internal Resistance(m Ω)	5.6			
Max. Discharge Current(A/5Sec.)	520			
Self Discharge(25°C)	<=2% per month			
Charge Voltage(V/Cell/25°C)	Cycle use		Float use	
	2.4(-3.5mV/°C),max charge current:9.75A		2.27(-3.5mV/°C)	

Discharge Data

Constant current discharge data(25°C,A)																
Endvoltage (V/cell)	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h
1.60	218.5	161	130	107.8	73.66	56.6	46.3	40.3	29.99	24.04	18.2	14.47	12.22	10.4	8.19	6.845
1.65	200.4	152	123	102	71.45	54.9	44.91	39	29.33	23.5	17.68	14.14	11.9	10.2	8.06	6.78
1.70	184.2	142	115	95.2	69.3	53.26	43.56	37.05	28.6	22.9	17.22	13.69	11.6	10	7.93	6.69
1.75	167	132	107.8	90.2	67.23	51.65	42.25	35.75	28.04	22.28	16.69	13.26	11.3	9.75	7.8	6.6
1.80	154	125	102	85.45	65.2	50.1	40.98	34.54	27.32	21.55	16.25	12.96	11.01	9.497	7.645	6.5

Constant power discharge data(25°C,W/Cell)																
Endvoltage (V/cell)	5min	10min	15min	20min	30min	40min	50min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h
1.60	365	280.3	224.9	185.4	132.3	107.6	88.92	76.5	57.54	46.67	34.27	27.52	24.46	20.6	16.13	13.49
1.65	340	264.1	215.2	177.1	128.3	104	86.57	74.3	56.12	45.61	33.65	27.03	23.98	20.29	16	13.41
1.70	320	250	202.8	167.4	123.4	100.8	83.98	72.17	54.79	44.65	33.16	26.41	23.5	20.06	15.81	13.3
1.75	293	234.8	193.4	160.2	118.4	96.06	80.89	70.41	53.32	43.93	32.52	25.95	23.02	19.79	15.6	13.17
1.80	270	217.9	181.6	152.7	113.4	91.57	77	68.66	52.29	43.22	31.97	25.53	22.56	19.55	15.44	13.07

Performance Curve



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