AEROSPACE BAYKEE (GUANGDONG) TECHNOLOGY CO.,LTD
Factory adds: Building 4 , No.115, Zhangcha 1st Road, Chancheng District, Foshan City, Guangdong Province, China. 528051
Tel: +86 757 82207158 Fax: +86 757 82207159
Website: www.baykee.com www.upsindustry.com

BAYKEE

12V26Ah

AGM technology and high-purity raw materials. Its good floating back up and large current discharge performance makes it optimal and economical choice for UPS/EPS.

Benefits

- Long life according to EUROBAT Classification
- Maximum charge efficiency
- High gas recombination efficiency
- Low self-discharge rate
- Easy installation and handling
- Vertical or horizontal installation

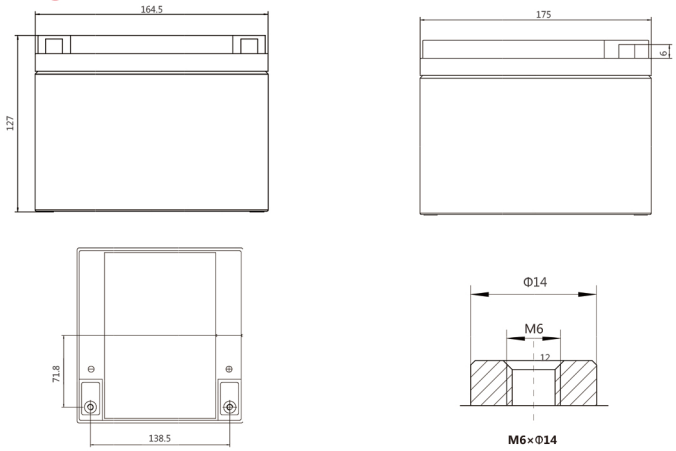
Applications

- UPS units
- Emergency power
- Starting generators
- EPS units

Standards

- IEC 61056-1/2
- JIS C8702-1/2
- EUROBAT guide

Drawing



Specifications

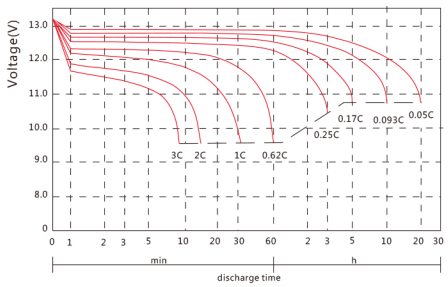
Battery Model	SP12-26(R)			
Design Life (years, 25℃)	10			
Capacity (Ah, 25℃)	20HR (1.3A, 1.75V)	10HR (2.42A, 1.75V)	5HR (4.74A, 1.75V)	1HR(16.37A, 1.70V)
	26	24.2	23.5	16.37
Dimensions (mm)	Length	Width	Height	Total Height
	164.5	175	127	127
Approx. Weight (kg)	8.0			
Reference Internal Resistance (mΩ)	8.5 (full charged @ 25℃)			
Maximum Discharge Current (A/5 Sec.)	390			
Self-Discharge (25℃)	⩽3% per month			
Charge Voltage (V/cell, 25℃)	Cycle use		Float use	
	2.45 (-4mV/℃/cell), max charge current: 7.8 A		2.27 (-3mV/℃/cell)	
Short Circuit Current (A)	670			

Discharge Data

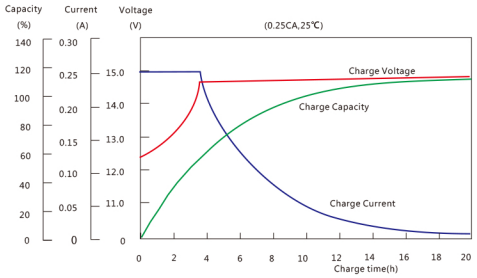
Constant Current Discharge Data (25℃, A)													
End Voltage (V/cell)	min						h						
	5	10	15	20	30	45	1	1.5	2	3	5	10	20
1.60	98.90	63.26	50.31	41.07	29.20	20.62	16.72	11.90	9.620	7.140	4.779	2.456	1.317
1.65	94.94	61.32	49.07	40.48	28.96	20.45	16.61	11.83	9.553	7.102	4.757	2.447	1.312
1.67	91.40	59.79	48.36	39.98	28.67	20.29	16.50	11.76	9.509	7.073	4.739	2.438	1.308
1.70	88.03	58.36	47.61	39.47	28.35	20.09	16.37	11.68	9.451	7.032	4.717	2.427	1.303
1.75	84.24	56.94	46.80	39.00	28.08	19.93	16.26	11.61	9.404	7.003	4.701	2.420	1.300
1.80	75.98	53.30	44.65	37.71	27.35	19.49	15.96	11.42	9.307	6.947	4.670	2.405	1.294

Constant Power Discharge Data (25℃, W/cell)													
End Voltage (V/cell)	min						h						
	5	10	15	20	30	45	1	1.5	2	3	5	10	20
1.60	180.7	118.6	96.04	79.25	56.75	40.32	32.86	23.48	19.05	14.18	9.520	4.909	2.636
1.65	174.1	115.4	93.92	78.37	56.43	40.11	32.74	23.41	18.96	14.15	9.498	4.902	2.634
1.67	168.2	112.9	92.86	77.68	56.06	39.91	32.59	23.31	18.92	14.12	9.485	4.895	2.633
1.70	162.7	110.7	91.68	76.81	55.54	39.58	32.40	23.20	18.84	14.06	9.458	4.880	2.627
1.75	156.3	108.4	90.38	76.08	55.12	39.35	32.23	23.12	18.78	14.03	9.445	4.877	2.626
1.80	142.0	101.9	86.52	73.76	53.84	38.60	31.73	22.80	18.64	13.96	9.404	4.858	2.619

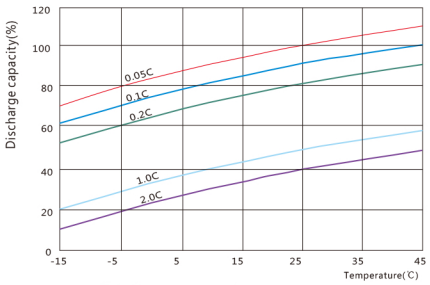
Performance Curve



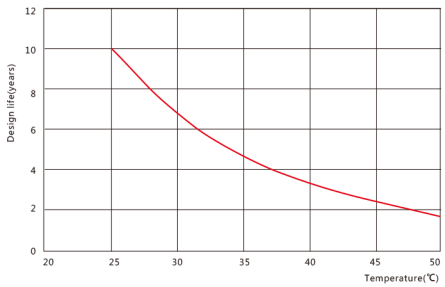
Discharge voltage vs. discharge time



Charge capacity vs. charge time



Discharge capacity vs. temperature



Design life vs. temperature

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ISO9001 ISO14001 ISO18001 SA8000