

lead-acid battery 12V26AH

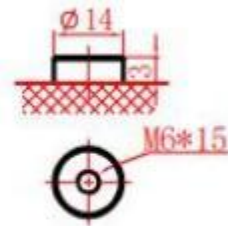
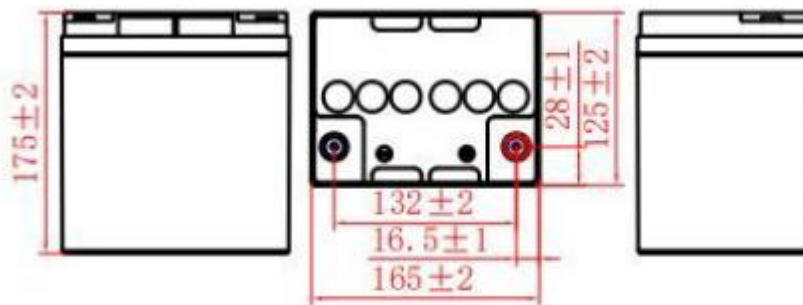
General Features

- ▶ High corrosion resistant performance: Pb-Ca multi-alloy grid
- ▶ High energy density and power density
- ▶ Optimized capability of instant high-current discharging
- ▶ Excellent charge acceptance ability
- ▶ Excellent deep cycle discharge capability
- ▶ Strong high and low temperature performance
- ▶ Precision sealing technology



Dimension: 165(L) × 125(W) × 175(H) × 175(TH) / (±2.0)

Unit: mm



Terminal Dimensions

Specification	
Nominal Voltage	12V
Nominal Capacity	26.0Ah
Design life	5 years
Terminal	M6
Approx. Weight	Approx. 8.20kg±3% (18.1lbs±3%)
Container Material	ABS
short-circuit current	750A
Internal resistance(Full charged at 25°C:)	16.0 mΩ
Self discharge	3% of capacity declined per month at 25°C
Operating Temperature	
Discharge:	-20 ~50°C(-4~ 122°F)
Charge :	-20 ~50°C(-4~ 122°F)
Storage:	-20 ~50°C(-4~ 122°F)
Charge Method(25 °C)	
Charge current:	Max. 6.50A;Recom.2.60A
Float charge:13.5-13.8V	recom.13.8V(-18mV/ °C)
Equalize charge:13.8-14.1V	recom.14.1V(-24mV/ °C)
Cycle charge:14.4-15.0V	recom.14.7V(-30mV/ °C)

Standards

Executive standard: IEC 61056-2, GB/T 19639.1-2014

Applications

- ▶ UPS/EPS
- ▶ Power systems
- ▶ Telecommunications system
- ▶ Emergency lighting, Auto control system
- ▶ Solar/wind generating storage cyclic
- ▶ Other general purpose

Rated Capacity

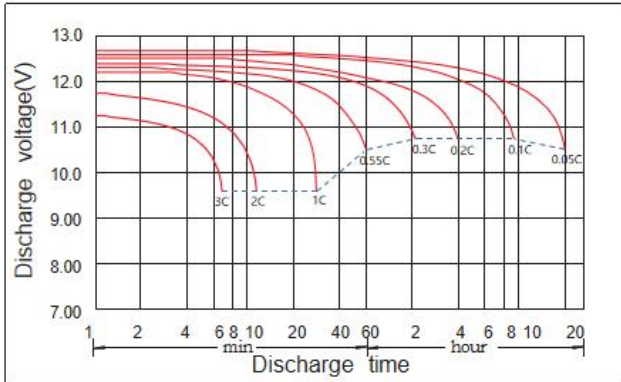
20Hour Rate (1.30A to 10.5V)	26.0Ah
3Hour Rate (6.774A to 10.2V)	20.322Ah
1Hour Rate (15.91A to 9.6V)	15.91Ah

Attain Certificate

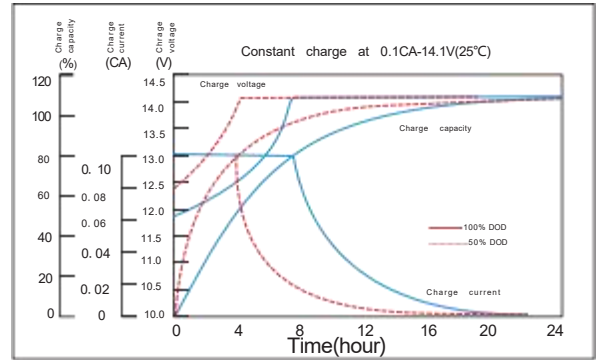


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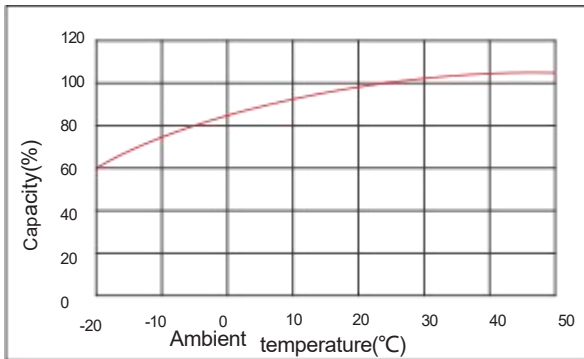
Discharge characteristic



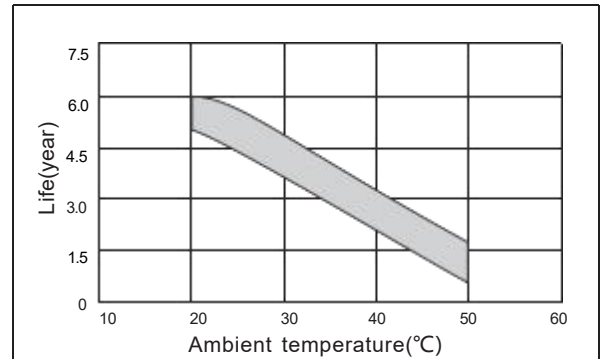
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



Constant Current Discharge Characteristics Unit:A (25°C,77°F)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	91.58	64.37	47.43	28.30	20.27	15.91	11.50	9.632	7.258	5.731	4.815	4.121	3.117	2.555	1.348
1.65V	86.49	60.67	44.87	26.89	19.32	15.17	11.11	9.325	7.034	5.575	4.690	4.035	3.082	2.524	1.326
1.70V	78.83	56.29	42.02	25.97	18.66	14.62	10.75	9.018	6.774	5.424	4.568	3.902	3.035	2.486	1.311
1.75V	71.34	52.67	40.52	24.82	17.77	14.09	10.30	8.703	6.638	5.285	4.453	3.785	2.993	2.458	1.300
1.80V	62.64	47.72	37.42	23.72	17.10	13.55	10.01	8.461	6.433	5.133	4.338	3.651	2.942	2.429	1.281
1.85V	49.72	38.78	31.05	20.43	14.92	12.15	9.250	7.689	5.947	4.771	4.046	3.473	2.762	2.280	1.206

Constant Power Discharge Characteristics Unit: W/cell (25°C,77°F)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	153.3	106.2	82.04	51.40	38.34	29.93	21.98	18.26	13.73	11.00	9.281	7.982	6.088	5.022	2.654
1.65V	145.0	102.9	79.60	49.86	36.43	29.14	21.64	17.76	13.41	10.74	9.074	7.713	6.032	4.968	2.616
1.70V	135.2	98.00	75.67	48.14	34.88	27.81	20.93	17.27	13.05	10.49	8.869	7.519	5.953	4.899	2.589
1.75V	125.1	94.14	74.03	46.48	34.22	27.21	20.15	16.74	12.84	10.26	8.676	7.353	5.882	4.841	2.570
1.80V	112.2	86.71	69.32	44.88	33.04	26.08	19.65	16.36	12.50	10.00	8.482	7.195	5.795	4.770	2.536
1.85V	90.90	72.12	58.34	39.04	29.34	23.71	18.09	14.95	11.60	9.332	7.936	6.860	5.453	4.511	2.391