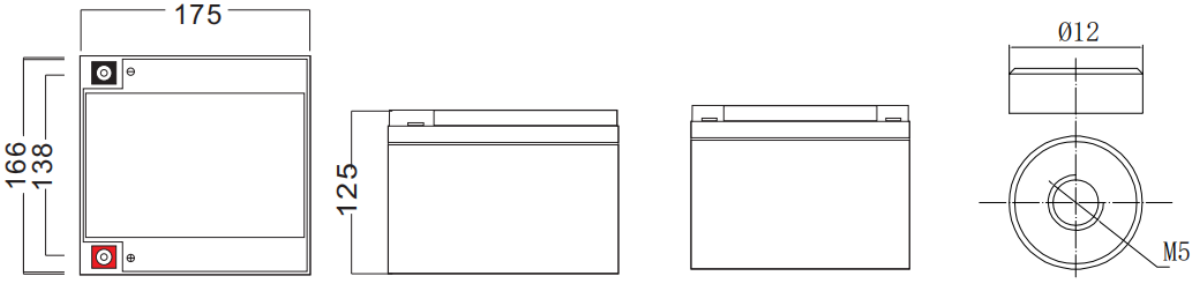
JS Series lead-acid battery JS12-26(W)

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:175(L)×166(W) ×125(H)×125(TH)/(±2.0) **Unit: mm**



Terminal Dimensions

Specification	
Nominal Voltage	12V
Nominal Capacity	26.0Ah@20hour-rate to 1.75V per cell @25℃
Design life	5 years
Terminal	M5
Approx. Weight	Approx7.70kg±3% (17.0lbs±3%)
Container Material	ABS(UL94-HB, UL94-V0 Optional)
short-circuit current	909A
Internal resistance(Full charged at 25°C:)	13.2 mΩ
Self discharge	3% of capacity declined per month at 25°C
Operating Temperature	
Discharge:	-20 ~50℃(-4~ 122°F)
Charge :	-20 ~50℃(-4~ 122°F)
Storage:	-20 ~50℃(-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 (15.75A to 9.6V)	15.75Ah

Attain Certificate

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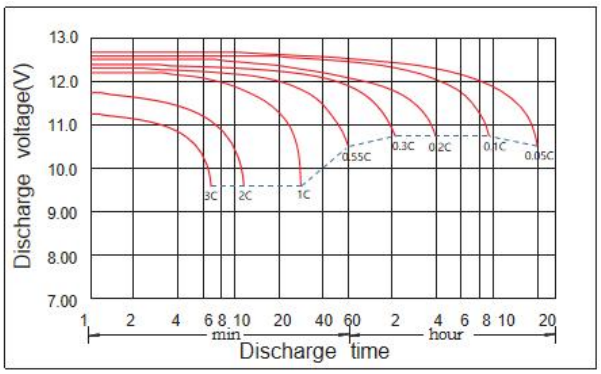
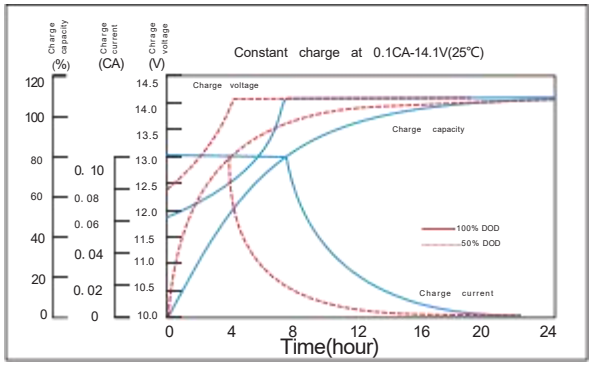
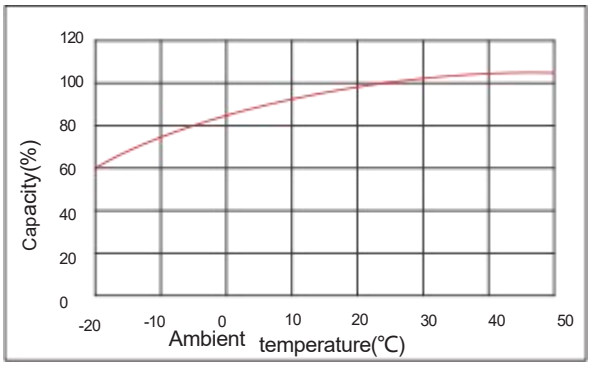
Discharge characteristic



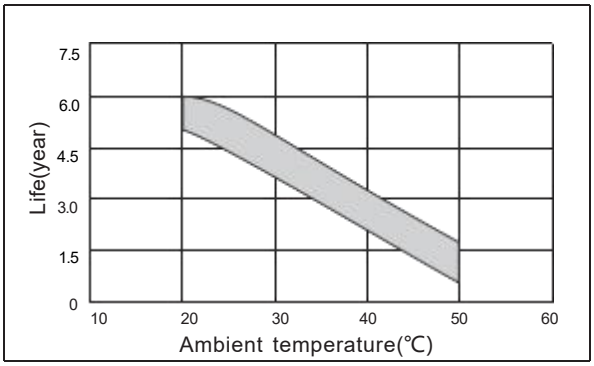
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



Constant Current Discharge Characteristics Unit:A (25℃,77℉)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	88.84	62.44	46.49	27.73	20.07	15.75	11.50	9.632	7.258	5.731	4.815	4.121	3.117	2.555	1.348
1 65V	83.90	58.85	43.97	26.35	19.12	15.01	11.11	9.325	7.034	5.575	4.690	4.035	3.082	2.524	1.326
1.70V	76.47	54.60	41.18	25.45	18.47	14.48	10.75	9.018	6.774	5.424	4.568	3.902	3.035	2.486	1.311
1.75V	69.20	51.09	39.71	24.32	17.59	13.95	10.30	8.703	6.638	5.285	4.453	3.785	2.993	2.458	1.300
1 80V	60.76	46.29	36.67	23.25	16.93	13.41	10.01	8.461	6.433	5.133	4.338	3.651	2.942	2.429	1.281
1.85V	48.23	37.61	30.43	20.02	14.77	12.03	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℃ ,77℉)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	148.7	103.0	80.40	50.37	37.95	29.63	21.98	18.26	13.73	11.00	9.281	7.982	6.088	5.022	2.654
1 65V	140.7	99.83	78.01	48.87	36.06	28.85	21.64	17.76	13.41	10.74	9.074	7.713	6.032	4.968	2.616
1.70V	131.1	95.06	74.15	47.18	34.53	27.53	20.93	17.27	13.05	10.49	8.869	7.519	5.953	4.899	2.589
1.75V	121.3	91.32	72.55	45.55	33.87	26.94	20.15	16.74	12.84	10.26	8.676	7.353	5.882	4.841	2.570
1 80V	108.8	84.11	67.94	43.98	32.71	25.82	19.65	16.36	12.50	10.00	8.482	7.195	5.795	4.770	2.536
1.85V	88.17	69.96	57.17	38.26	29.05	23.47	18.09	14.95	11.60	9.332	7.936	6.860	5.453	4.511	2.391

Jiangxi JingJiu Power Science & Technology Co., LTD.

Add: 1388 Fushan No.1 Street, Xiaolan Economic Development Zone, Nanchang, Jiangxi, China.