

JS12-26

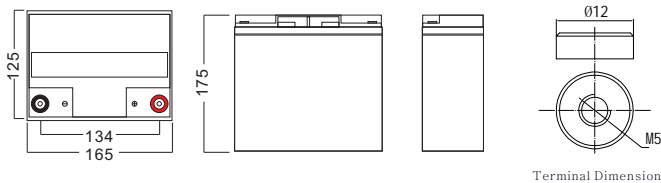


General Features

- 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) Unit: mm



Terminal Dimensions

JS Series lead-acid battery

Applications

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

Specification

Nominal Voltage	12V
Nominal Capacity	26.0Ah
Design life	5 years
Terminal	M5
Approx. Weight	Approx8.5kg (18.7lbs)
Container Material	ABS
Rated Capacity	26.0Ah → 10Hour Rate (2.60A to 10.8V)
	22.3Ah → 3Hour Rate (7.44A to 10.2V)
	18.7Ah → 1Hour Rate (18.7A to 9.60V)
Internal resistance	Full charged at 25°C: 15.0 mΩ
Max. Discharge Current	390A(5S)
Operating Temperature	Discharge: -20 ~50°C(-4~ 122°F)
	Charge: -20 ~50°C(-4~ 122°F)
	Storage: -20 ~50°C(-4~ 122°F)
Charge current:	Max.6.50A ; Recom.2.60A
Charge Method (25 °C)	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)
Self discharge	3% of capacity declined per month at 25°C

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

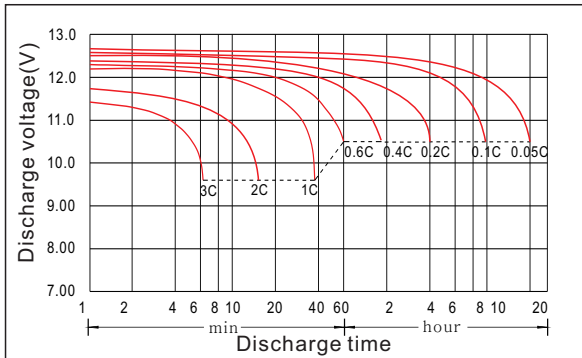
FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	112	73.2	54.6	35.8	23.0	18.7	11.4	10.7	7.81	6.26	5.32	4.04	3.50	2.80	1.50
1.65V	111	70.2	50.0	33.9	21.5	17.5	11.3	10.3	7.58	6.05	5.20	4.00	3.45	2.77	1.47
1.70V	91.1	65.9	46.7	33.0	20.8	17.0	11.1	10.1	7.44	5.74	5.15	3.92	3.39	2.72	1.45
1.75V	84.5	62.8	43.5	32.2	20.1	16.4	10.8	9.81	7.32	5.66	4.92	3.83	3.31	2.65	1.41
1.80V	77.8	59.1	40.5	31.1	19.4	15.8	10.6	9.56	6.93	5.55	4.72	3.75	3.22	2.60	1.36
1.85V	69.4	54.7	36.0	28.5	17.9	14.6	10.3	9.09	6.52	5.38	4.50	3.63	3.09	2.52	1.34

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

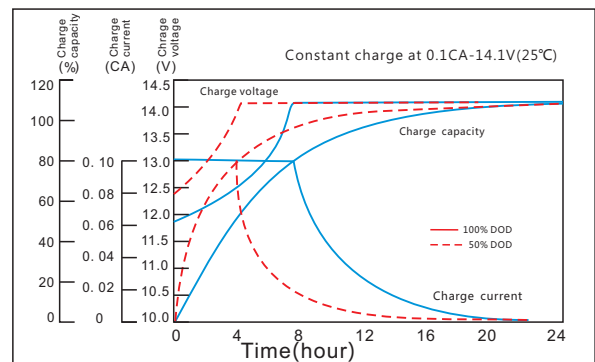
FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	210	132	100	60.5	41.1	34.3	23.0	20.0	14.8	11.9	10.0	7.96	6.61	5.43	2.97
1.65V	194	125	93.8	60.1	38.6	32.2	22.4	19.3	14.4	11.4	9.86	7.80	6.52	5.32	2.89
1.70V	177	121	89.5	59.8	37.4	31.2	22.3	18.9	14.1	10.9	9.57	7.73	6.45	5.28	2.86
1.75V	161	117	86.3	59.2	36.4	30.4	21.8	18.5	13.9	10.8	9.38	7.56	6.19	5.16	2.81
1.80V	145	113	82.5	58.8	35.9	29.9	21.3	18.4	13.5	10.7	9.15	7.42	5.98	5.06	2.78
1.85V	129	106	73.8	53.7	33.6	28.0	21.0	17.5	12.8	10.5	8.72	7.30	5.73	4.98	2.76

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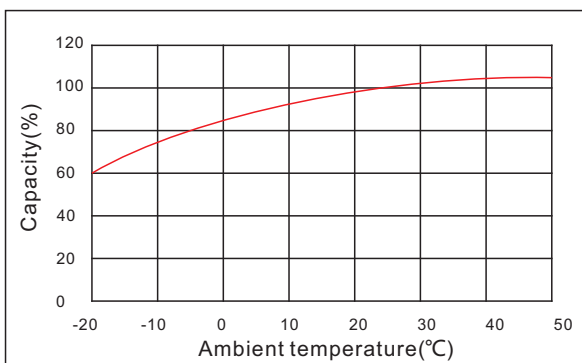
Discharge characteristic



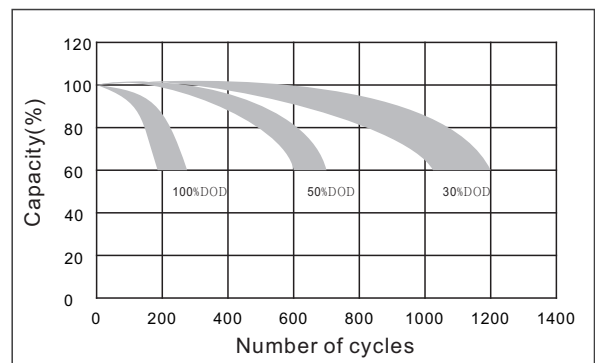
Charging characteristic



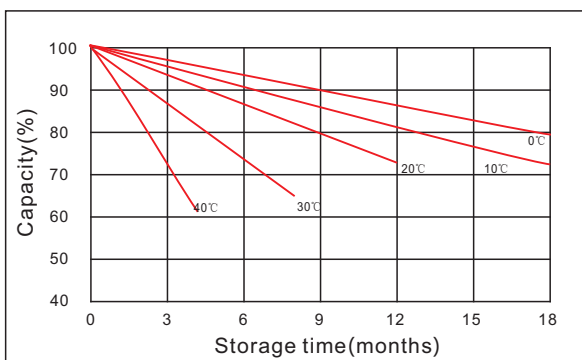
The effect of temperature on capacity



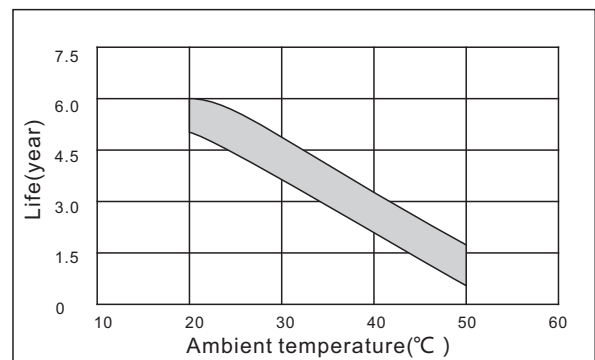
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on float life



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