

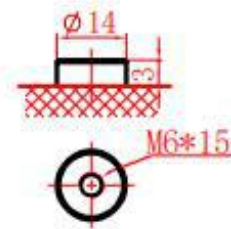
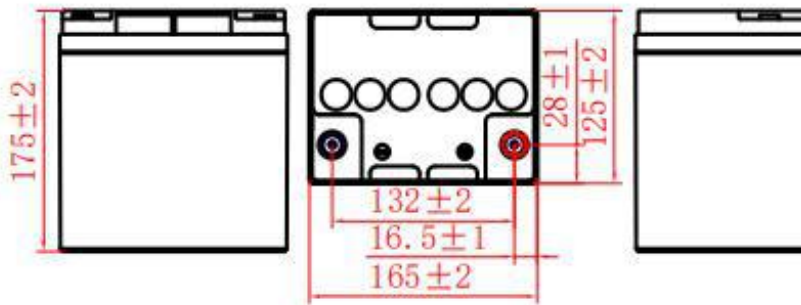
General Features

- ▶ 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

Specification	
Nominal Voltage	12V
Nominal Capacity	26.0Ah
Design life	5 years
Terminal	M6
Approx. Weight	Approx 8.20kg (18.1lbs)
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 GB/T 19639.1-2014

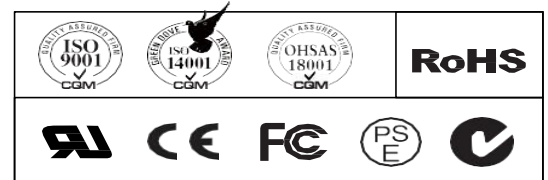
Applications

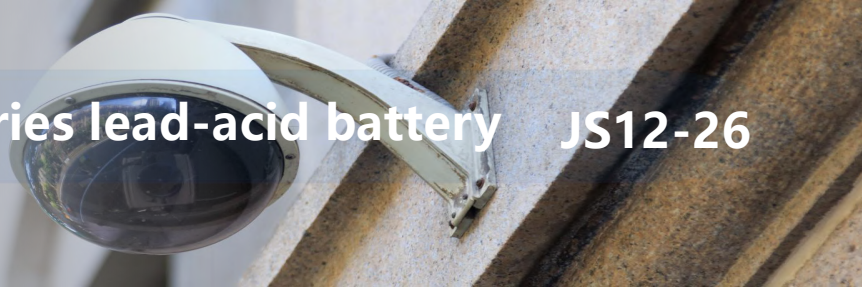
- ▶ UPS/EPS
- ▶ Power systems
- ▶ Telecommunications system
- ▶ Emergency lighting, Auto control system
- ▶ Solar/wind generating storage cyclic
- ▶ Other general purpose

Rated Capacity

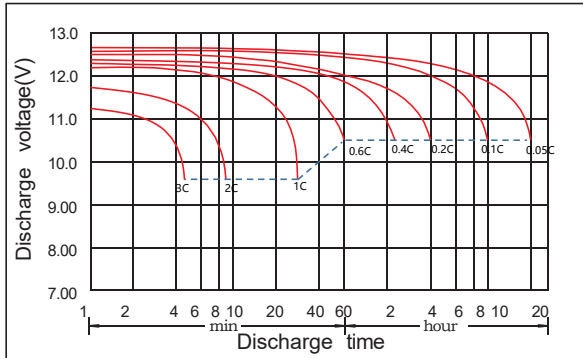
20Hour Rate (1.30A to 10.5V)	26.0Ah
3Hour Rate (6.84A to 10.2V)	20.5Ah
1Hour Rate (16.3A to 9.6V)	16.3Ah

Attain Certificate

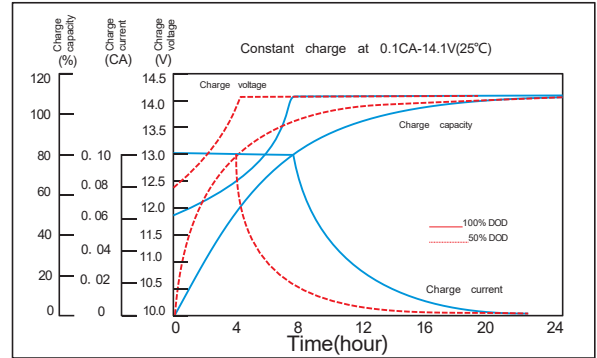




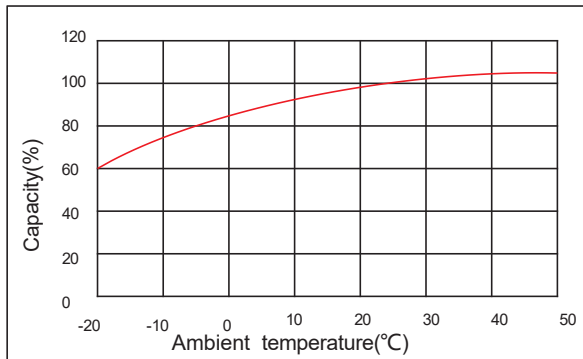
Discharge characteristic



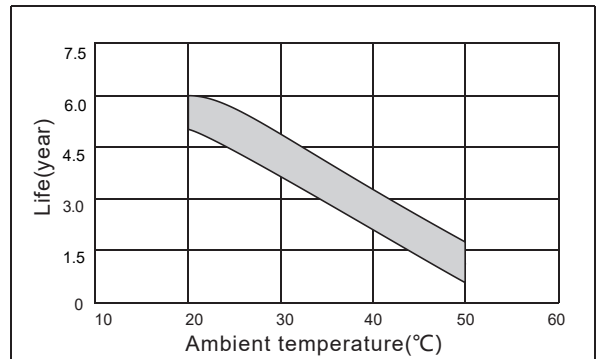
Charging characteristic



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	85.1	66.1	45.7	26.0	20.0	16.3	10.2	9.35	7.01	4.90	4.54	3.62	2.98	2.51	1.32
1.65V	82.5	64.2	44.3	25.5	19.8	16.2	10.1	9.29	6.95	4.86	4.51	3.59	2.95	2.49	1.31
1.70V	79.2	61.2	43.5	25.0	19.7	16.1	10.0	9.21	6.84	4.81	4.46	3.55	2.93	2.47	1.31
1.75V	72.8	58.6	41.9	24.8	19.4	15.8	9.93	9.08	6.76	4.76	4.40	3.52	2.90	2.44	1.30
1.80V	65.3	55.3	39.2	23.7	18.9	15.4	9.83	8.92	6.73	4.71	4.30	3.49	2.90	2.42	1.29
1.85V	58.3	49.4	34.9	21.7	17.5	14.3	9.54	8.46	6.34	4.57	4.08	3.38	2.77	2.34	1.27

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	143	119	80.6	47.0	37.1	30.9	19.5	17.6	13.3	9.55	8.62	7.09	5.80	4.83	2.61
1.65V	137	115	79.2	46.5	36.7	30.6	19.3	17.6	13.2	9.44	8.57	7.01	5.75	4.78	2.60
1.70V	137	110	78.2	46.5	36.4	30.4	19.1	17.5	13.1	9.34	8.51	6.93	5.72	4.73	2.59
1.75V	127	106	77.9	46.3	36.1	30.1	19.0	17.4	13.0	9.28	8.46	6.89	5.69	4.70	2.58
1.80V	117	100	73.6	45.0	35.8	29.8	18.7	17.4	13.0	9.18	8.35	6.82	5.64	4.65	2.56
1.85V	104	88.9	65.8	41.3	33.2	27.7	18.4	16.6	12.3	9.02	7.98	6.70	5.45	4.57	2.54