



Applications

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

General Features

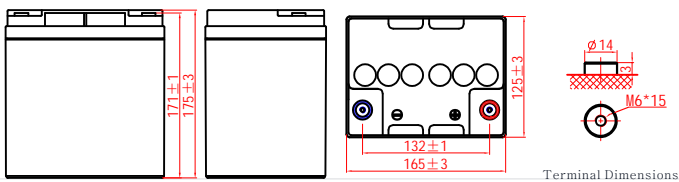
- > High corrosion resistant performance: Pb-Ca multi-alloy grid
- > High energy density and power density
- > Optimized capability of instant high-current discharging
- > Excellent charge acceptance ability
- > Excellent deep cycle discharge capability
- > Strong high and low temperature performance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

Specification

Nominal Voltage	12V
Nominal Capacity	24.0Ah
Design life	5 years
Terminal	M6
Approx. Weight	Approx 7.30kg (16.1lbs)
Container Material	ABS
Rated Capacity	24.0Ah 20Hour Rate (1.20A to 10.5V)
	18.0Ah 3Hour Rate (6.00A to 10.2V)
	15.0Ah 1Hour Rate (15.0A to 9.60V)
Internal resistance	Full charged at 25°C: 21.0 mΩ
Max. Discharge Current	360A(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.6.00A ; Recom.2.40A
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



Dimension: 165L×125(W)×175(H)×175(TH) Unit: mm



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

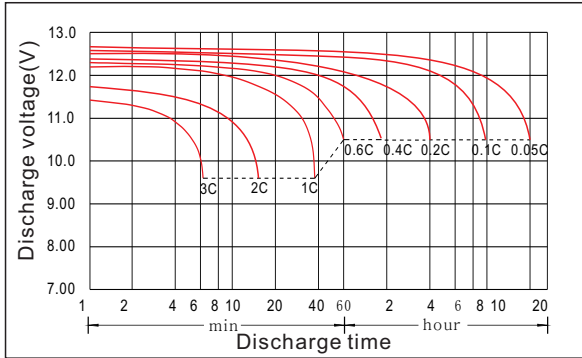
FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	78.6	61.0	42.1	24.0	18.4	15.0	9.44	8.63	6.15	4.53	4.19	3.35	2.75	2.32	1.22
1.65V	76.1	59.3	40.9	23.5	18.3	14.9	9.35	8.58	6.10	4.48	4.17	3.31	2.73	2.30	1.21
1.70V	73.1	56.5	40.2	23.1	18.2	14.8	9.26	8.50	6.00	4.44	4.12	3.28	2.70	2.28	1.20
1.75V	67.2	54.0	38.7	22.9	17.9	14.6	9.17	8.38	5.93	4.39	4.07	3.25	2.68	2.25	1.20
1.80V	60.2	51.1	36.2	21.9	17.5	14.2	9.07	8.23	5.90	4.35	3.97	3.22	2.68	2.23	1.20
1.85V	53.8	45.6	32.2	20.0	16.2	13.2	8.80	7.81	5.56	4.22	3.77	3.12	2.55	2.16	1.17

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

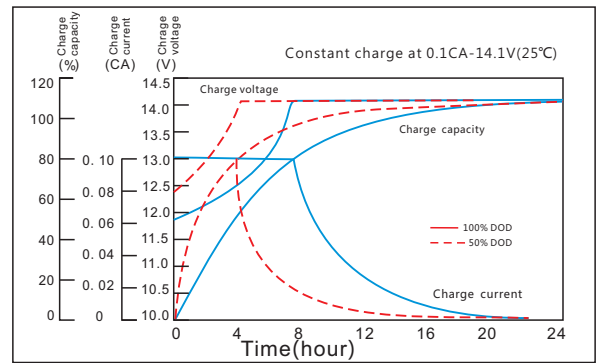
FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	132	110	74.4	43.4	34.2	28.5	18.0	16.3	11.7	8.81	7.96	6.55	5.36	4.46	2.41
1.65V	127	106	73.1	42.9	33.9	28.3	17.8	16.2	11.6	8.72	7.91	6.47	5.31	4.41	2.40
1.70V	126	102	72.1	42.9	33.6	28.0	17.6	16.2	11.5	8.62	7.86	6.40	5.28	4.36	2.39
1.75V	118	97.4	71.9	42.7	33.3	27.8	17.5	16.1	11.4	8.57	7.81	6.36	5.26	4.34	2.38
1.80V	108	92.0	67.9	41.5	33.0	27.5	17.3	16.0	11.4	8.47	7.71	6.29	5.21	4.29	2.37
1.85V	96.4	82.1	60.7	38.1	30.6	25.5	17.0	15.3	10.8	8.32	7.36	6.18	5.03	4.21	2.34

JS12-24

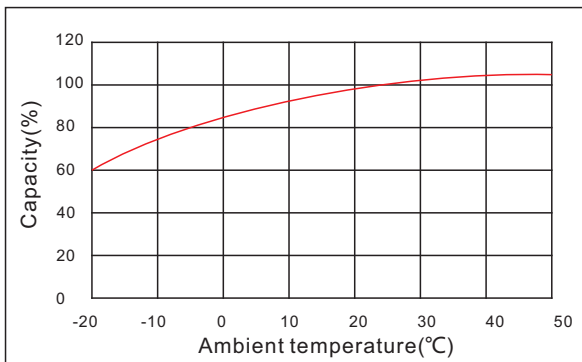
Discharge characteristic



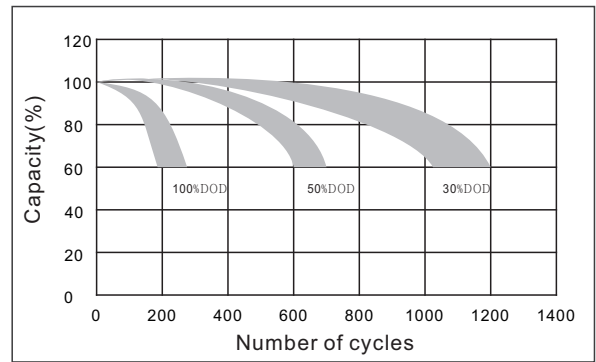
Charging characteristic



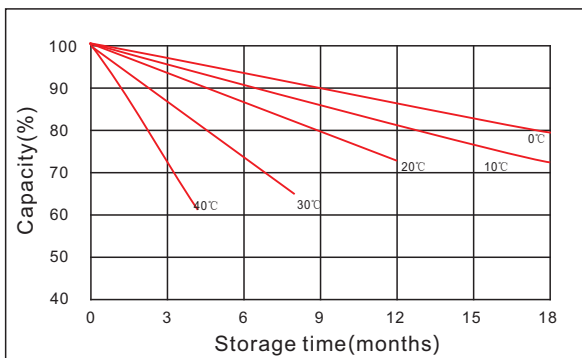
The effect of temperature on capacity



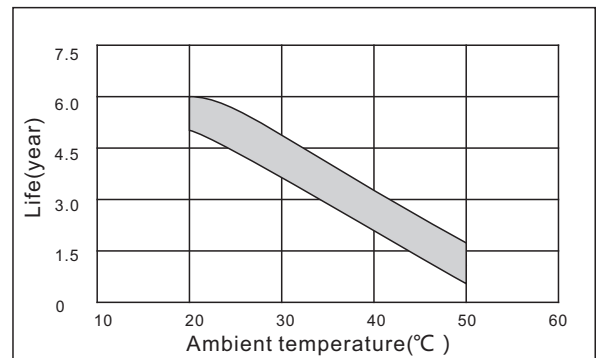
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on float life



www.kijo.com.cn info@kijo.com.cn

Jiangxi Jingjiu Power Science&Technology Co. Ltd.
Add: 1388 Fushan No.1 Street, Xiaolan Economic Development Zone, Nanchang City, Jiangxi Province, China.

+86-791-85982779 +86-791-85989842

Jiangxi Jingjiu Power (Jiujiang) Co. Ltd.
Add: Xiwang Rd, Aicheng Industrial Park, Yongxiu Country, Jiujiang City, Jiangxi Province, China.

