

JF12-180

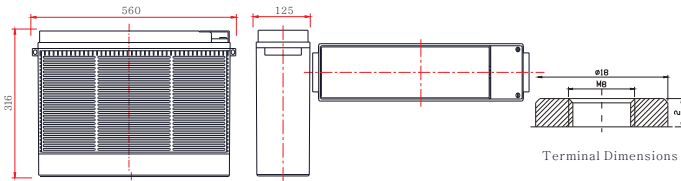


General Features

- > Narrow structure and front terminal design, suitable for 23-inch standard cabinets
- > High corrosion resistant performance: Pb-Ca multi-alloy grid
- > Excellent charge acceptance ability
- > Excellent deep cycle discharge capability
- > Strong high and low temperature performance
- > Precision sealing technology
- > Long life



Dimension: 560(L)×125(W)×316(H)×316(TH) Unit: mm



Applications

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

Specification

Nominal Voltage	12V		
Nominal Capacity	180Ah		
Design life	10 years		
Terminal	M8		
Approx. Weight	Approx 53.5kg (118lbs)		
Container Material	ABS		
Rated Capacity	180Ah	10Hour Rate	(18.0A to 10.8V)
	145Ah	3Hour Rate	(48.3A to 10.8V)
	118Ah	1Hour Rate	(118A to 10.5V)
Internal resistance	Full charged at 25°C: 3.20mΩ		
Max. Discharge Current	2160A(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. 45A ; Recom. 18A		
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)

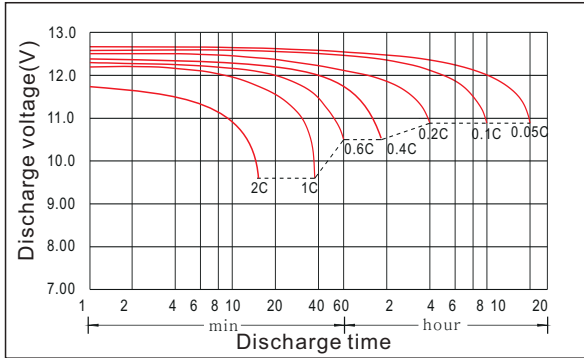
FV/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	634	341	207	121	69.5	50.5	33.9	22.2	18.7	9.83
1.65V	615	330	204	120	69.1	49.9	33.5	22.1	18.5	9.77
1.70V	590	323	200	120	68.6	49.2	33.2	21.9	18.4	9.72
1.75V	543	313	198	118	67.6	48.7	32.8	21.7	18.2	9.68
1.80V	487	292	190	115	66.3	48.3	31.9	21.5	18.0	9.63
1.85V	434	260	173	106	63.0	45.5	30.3	20.6	17.5	9.47

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

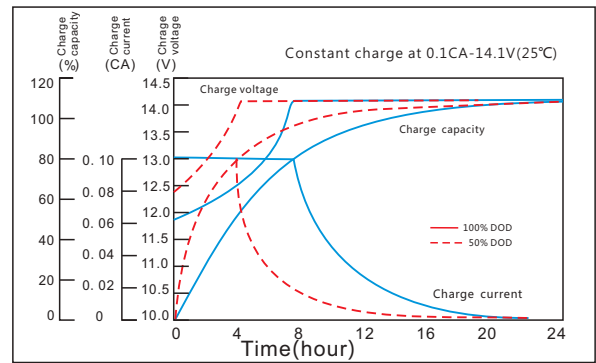
FV/Time	5min	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	1063	600	375	229	131	96.0	64.2	43.2	36.0	19.4
1.65V	1023	590	371	227	131	94.7	63.9	42.9	35.6	19.4
1.70V	1017	583	371	226	131	94.2	63.3	42.7	35.3	19.3
1.75V	949	579	370	224	130	93.7	63.0	42.3	34.9	19.2
1.80V	871	548	361	222	129	93.3	62.3	42.0	34.6	19.1
1.85V	778	489	331	206	124	88.7	59.4	40.5	34.0	18.9

JF12-180

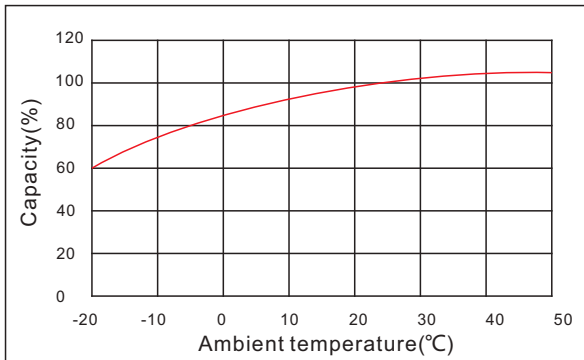
Discharge characteristic



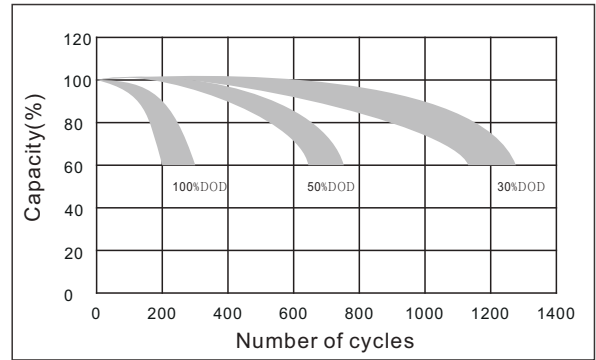
Charging characteristic



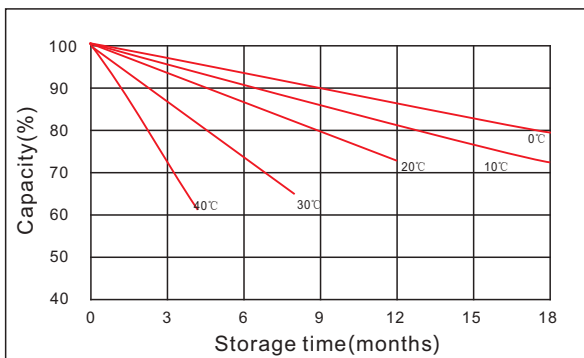
The effect of temperature on capacity



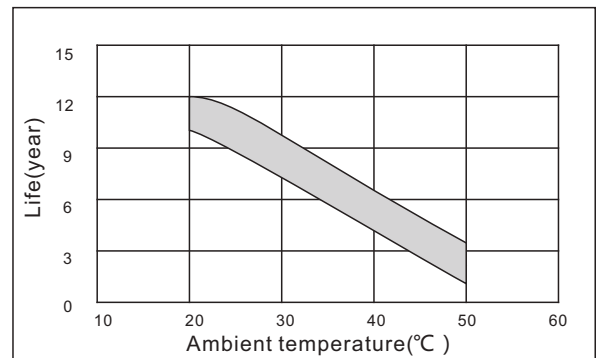
The effect of discharge depth on cycle life



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.

