京九电源
KIJO BATTERY

JF Series lead-acid battery

Executive standard YD/T 2343-2011

JF12-125

Applications

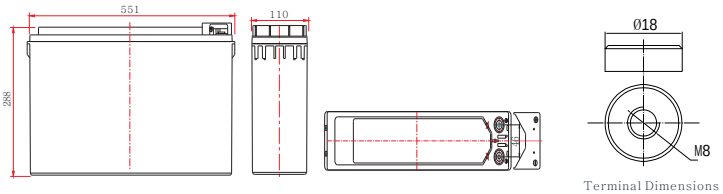
- Telecom outdoor integration site
- Power systems
- UPS/EPS
- Emergency lighting、Auto control system
- Solar/wind generating storage cyclic
- Other general purpose

General Features

- Narrow structure and front terminal design, suitable for 19-inch and 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

ISO 9001 CQM · ISO 14001 CQM · OHSAS 18001 CQM · RoHS

Dimension: 551(L)×110(W) ×288(H)×288(TH) Unit: mm



Terminal Dimensions

Specification

Nominal Voltage	12V		
Nominal Capacity	125Ah		
Design life	12 years		
Terminal	M8		
Approx. Weight	Approx 39.0kg(86.0lbs)		
Container Material	ABS		
Rated Capacity	125Ah	10Hour Rate	(12.5A to 10.8V)
	93.9Ah	3Hour Rate	(31.3A to 10.2V)
	69.7Ah	1Hour Rate	(69.7A to 9.60V)
Internal resistance	Full charged at 25°C:		6.5 mΩ
Max. Discharge Current	1500A(5S)		
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. 31.2A ; Recom.12.5A	
	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℃, 77℉)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	440	293	236	144	103	69.7	52.9	48.3	32.1	25.4	23.5	18.8	15.5	13.0	6.83
1.65V	428	291	230	141	103	69.3	52.5	48.0	31.8	25.1	23.3	18.5	15.4	12.9	6.79
1.70V	410	289	225	139	102	68.8	51.9	47.6	31.3	24.9	23.0	18.4	15.3	12.8	6.75
1.75V	378	285	218	138	100	67.8	51.5	46.9	31.0	24.6	22.8	18.3	15.1	12.6	6.73
1.80V	338	278	203	131	97.9	66.1	50.9	46.0	30.8	24.4	22.1	18.0	15.0	12.5	6.69
1.85V	301	258	180	120	90.6	61.2	49.3	43.8	29.0	23.6	21.1	17.5	14.4	12.1	6.58

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	739	495	416	260	190	132	106	91.3	61.1	50.0	44.6	36.6	30.2	25.0	13.5
1.65V	710	491	410	258	189	130	105	91.0	60.3	49.5	44.4	36.3	29.8	24.8	13.5
1.70V	706	488	405	258	188	129	103	90.6	60.0	49.0	44.0	35.9	29.4	24.5	13.4
1.75V	659	484	403	256	186	128	102	90.1	59.6	48.5	43.8	35.6	29.4	24.3	13.4
1.80V	605	480	380	251	185	127	101	89.9	59.4	48.0	43.3	35.3	28.1	24.0	13.3
1.85V	540	449	340	230	173	119	100	85.9	56.5	47.3	41.3	34.6	28.1	23.6	13.1

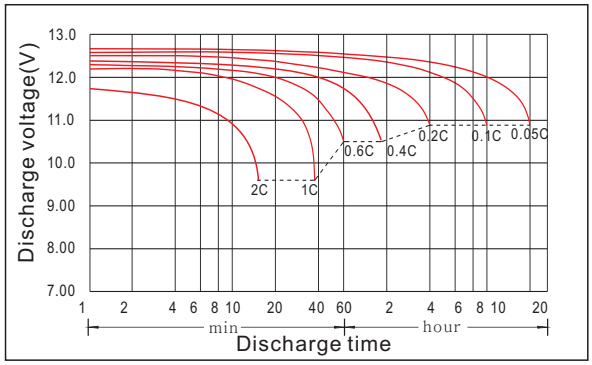
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

京九电源
KIJO BATTERY

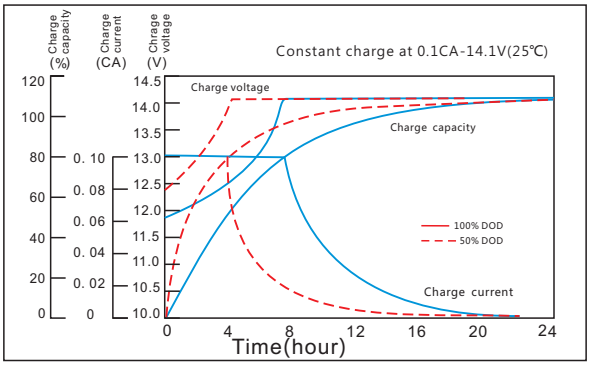
JF Series lead-acid battery

JF12-125

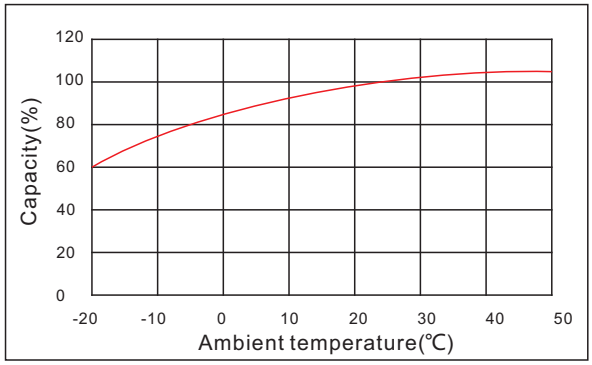
Discharge characteristic



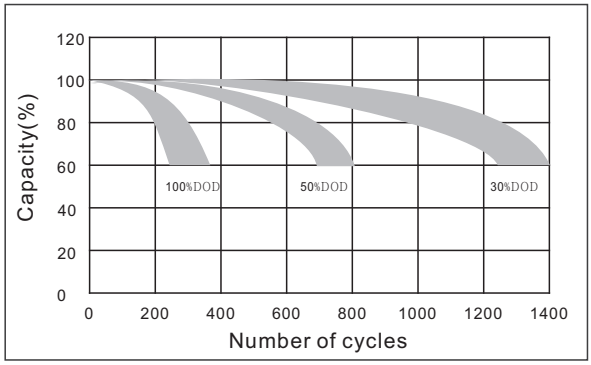
Charging characteristic



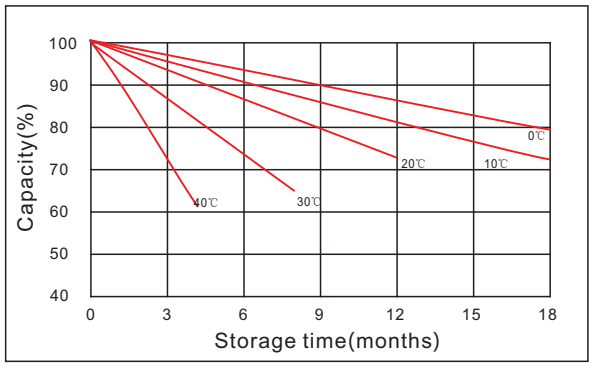
The effect of temperature on capacity



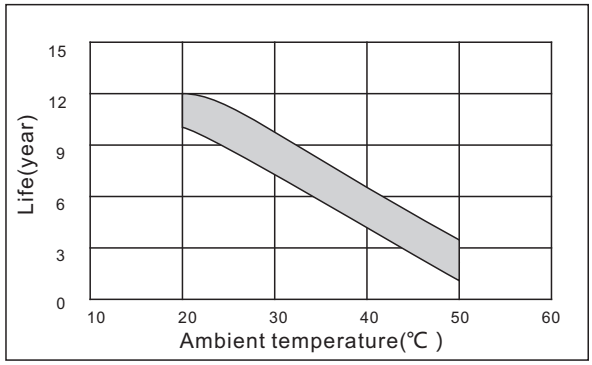
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on float life



www.kijo.com.cn info@kijo.com.cn +86-791-85982779 +86-791-85989842

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

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