京九电源
KIJO BATTERY

JF Series lead-acid battery

Executive standard YD/T 2343-2011

JF12-95

Applications

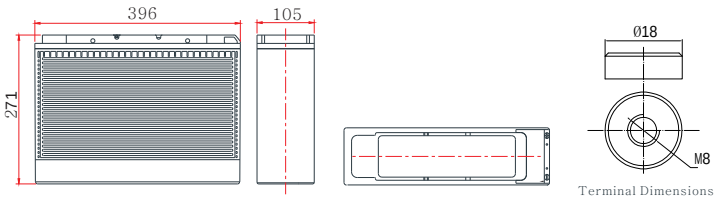
- Telecom outdoor integration site
- Power systems
- UPS/EPS
- Emergency lighting、Auto control system
- Solar/wind generating storage cyclic
- Other general purpose

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: 396(L)×105(W) ×271(H)×271(TH) Unit: mm



Specification

Nominal Voltage	12V		
Nominal Capacity	95Ah		
Design life	12 years		
Terminal	M8		
Approx. Weight	Approx 28.0kg(61.7lbs)		
Container Material	ABS		
Rated Capacity	95.0Ah	10Hour Rate	(9.50A to 10.8V)
	78.0Ah	3Hour Rate	(26.0A to 10.2V)
	64.0Ah	1Hour Rate	(64.0A to 9.6V)
Internal resistance	Full charged at 25°C:		5.50mΩ
Max. Discharge Current	1140A(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. 23.75A ; Recom.9.5A	
	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	336	223	182	110	78.4	64.0	40.2	36.6	26.6	19.3	17.8	14.3	11.8	9.88	5.18
1.65V	324	221	174	108	77.9	63.5	39.8	36.5	26.3	19.1	17.6	14.1	11.7	9.79	5.16
1.70V	312	220	171	106	77.5	63.1	39.4	36.2	26.0	18.9	17.5	13.9	11.6	9.69	5.13
1.75V	287	216	165	105	76.4	62.3	39.1	35.7	25.7	18.7	17.3	13.8	11.5	9.60	5.11
1.80V	257	211	153	100	74.3	60.6	38.6	34.9	25.5	18.6	16.8	13.7	11.4	9.50	5.09
1.85V	229	195	137	91.8	68.9	56.2	37.5	33.3	24.1	17.9	16.0	13.3	11.0	9.22	4.99

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	559	376	315	197	145	120	80.2	69.4	50.7	38.0	33.9	27.9	22.8	19.0	10.3
1.65V	537	373	310	195	144	119	79.3	69.1	49.9	37.6	33.8	27.6	22.6	18.8	10.3
1.70V	538	373	308	195	144	119	78.4	68.9	49.7	37.2	33.5	27.2	22.5	18.6	10.2
1.75V	500	368	305	195	141	118	78.0	68.5	49.4	36.9	33.3	27.1	22.4	18.5	10.2
1.80V	460	365	290	191	140	117	77.1	68.3	49.2	36.5	32.8	26.8	22.2	18.3	10.1
1.85V	415	342	258	175	132	110	75.7	65.2	46.9	35.9	31.4	26.3	21.4	17.9	10.0

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.

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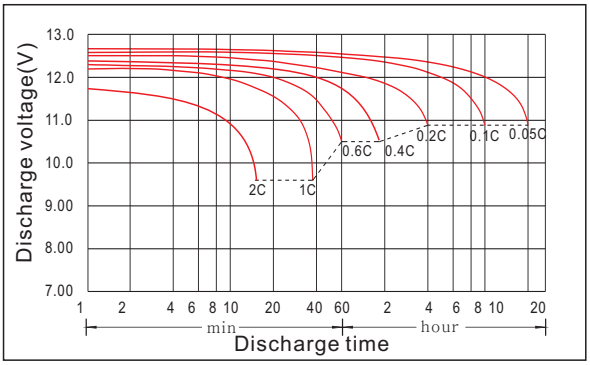
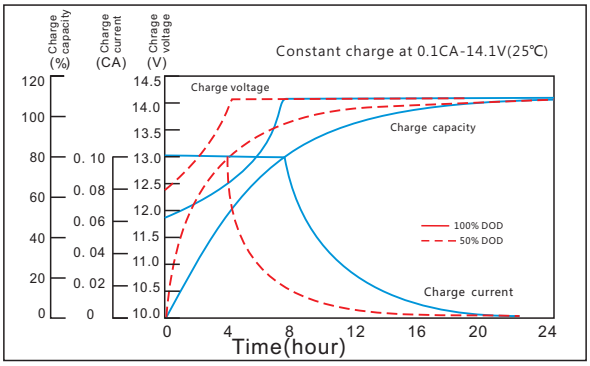
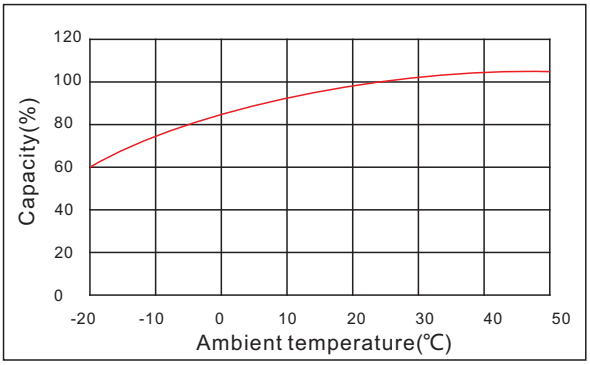
Discharge characteristic



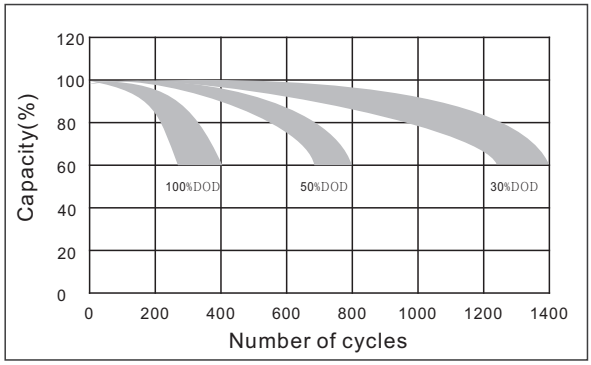
Charging characteristic



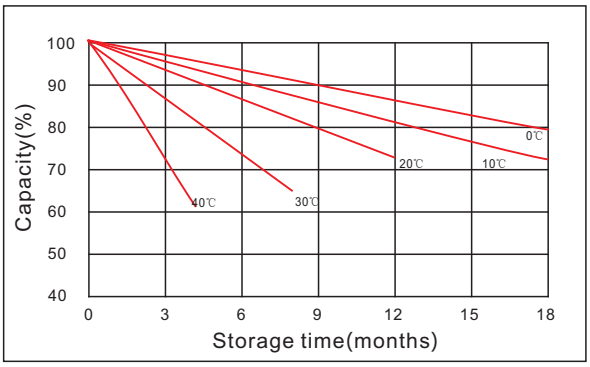
The effect of temperature on capacity



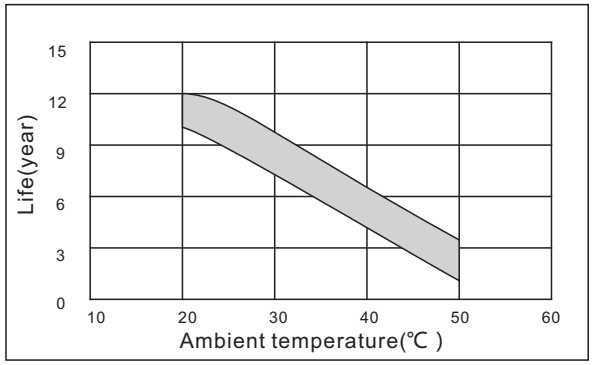
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on float life



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