京九电源
KIJO BATTERY

JL series lead-acid battery

JL2-150

Applications

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

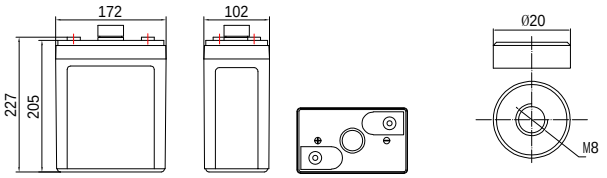
General Features

- High corrosion resistant performance: Pb-Ca multi-alloy grid
- Long life
- Excellent charge acceptance ability
- Excellent deep cycle discharge capability
- Strong high and low temperature performance
- Precision sealing technology

Specification

Nominal Voltage	2V		
Nominal Capacity	150Ah		
Design life	12 years		
Terminal	M8		
Approx. Weight	Approx 7.8kg (17.2lbs)		
Container Material	ABS		
Rated Capacity	150Ah	10Hour Rate	(15.0A to 1.80V)
	122.7Ah	3Hour Rate	(40.9A to 1.70V)
	100Ah	1Hour Rate	(100A to 1.60V)
Internal resistance	Full charged at 25°C:		0.90 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. 30A ; Recom.15.0A
	Float Charge:2.23-2.27V,recom.2.25V(-3mV/ °C)		
	Equalize charge:2.30-2.35V,recom.2.35V(-4mV/ °C)		
	Cycle charge:2.40-2.50V,recom.2.40V(-5mV/ °C)		
Self discharge	3% of capacity declined per month at 25°C		

Dimension: 172(L)×102(W) ×205(H)×227(TH) Unit: mm



Terminal Dimensions

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	524	348	264	160	123	100	65.9	58.9	43.2	31.6	29.1	23.4	19.8	16.2	8.69
1.65V	483	330	242	150	116	94.8	65.5	57.6	42.2	31.4	28.4	23.2	19.5	16.1	8.61
1.70V	448	315	228	141	111	90.6	64.7	55.4	40.9	31.0	28.1	22.9	19.2	15.9	8.48
1.75V	398	301	207	131	106	86.4	63.4	53.5	39.7	30.4	27.4	22.5	18.9	15.6	8.36
1.80V	342	282	187	122	99.2	80.9	61.0	50.6	38.5	29.3	26.7	21.6	18.6	15.0	8.03
1.85V	300	256	163	109	90.3	73.6	60.6	47.1	36.5	29.1	25.8	21.5	18.0	14.9	7.94

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	957	643	466	292	247	206	145	124	90.8	68.6	61.5	50.3	41.7	34.3	18.4
1.65V	855	593	447	281	228	190	142	120	87.5	67.2	59.5	49.3	41.0	33.6	18.0
1.70V	817	565	424	269	217	181	138	115	84.2	65.2	58.4	47.8	40.1	32.6	17.4
1.75V	737	543	406	260	209	174	135	111	80.9	64.2	56.9	47.1	38.6	32.1	17.2
1.80V	643	512	382	251	197	164	133	106	78.2	63.2	55.3	46.3	37.6	31.6	16.9
1.85V	574	474	328	223	182	152	128	96.9	74.1	60.8	52.9	44.6	36.4	30.4	16.3

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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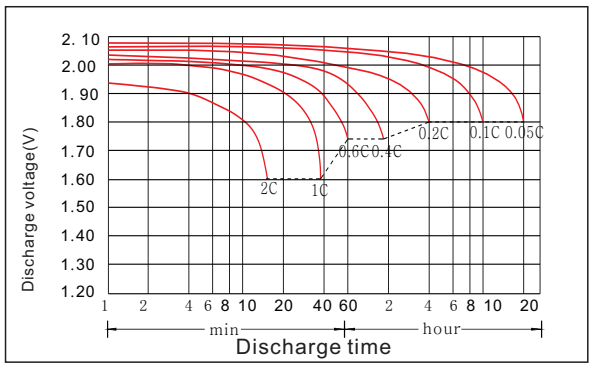
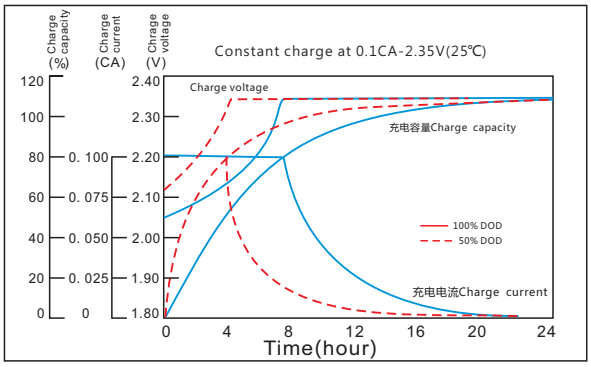
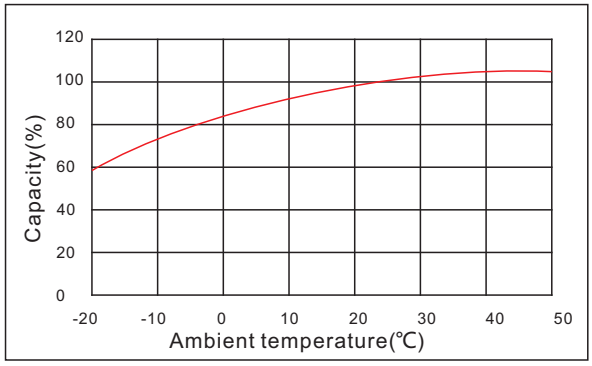
Discharge characteristic



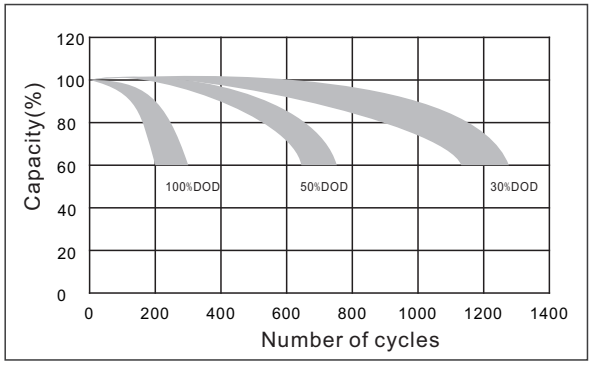
Charging characteristic



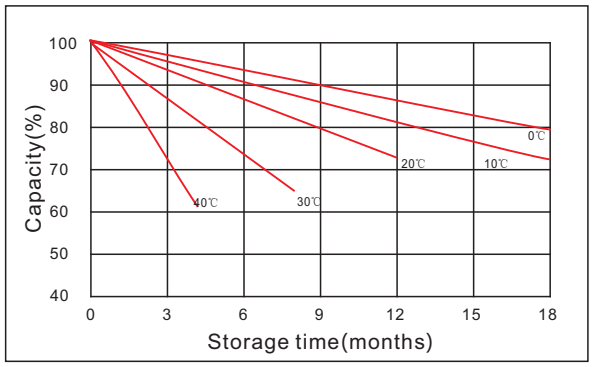
The effect of temperature on capacity



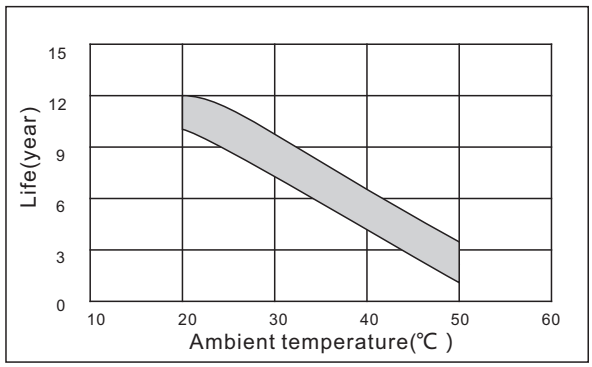
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on float life



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