京九电源
KIJO BATTERY

GY Series lead-acid battery

GY3-EVF-330

Applications

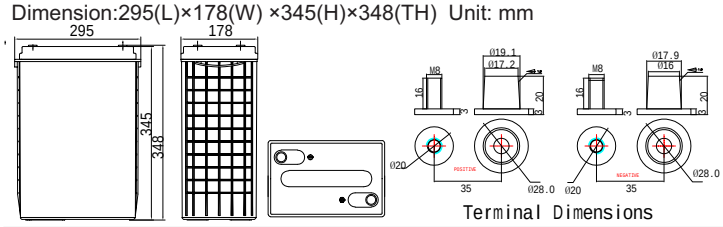
- UPS/EPS
- Power Systems
- Telecommunications system
- Emergency lighting、Auto control system
- Solar/wind generating storage cyclic
- Other general purpose

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
- Long life

ISO 9001 CQM | ISO 14001 CQM | OHSAS 18001 CQM | RoHS

Dimension:295(L)×178(W) ×345(H)×348(TH) Unit: mm



Specification

Nominal Voltage	6V
Nominal Capacity	330Ah
Design life	10 years
Terminal	DT
Approx. Weight	Approx 47.0kg (103.62lbs)
Container Material	ABS
Rated Capacity	330Ah 20Hour Rate (16.5A to 5.25V) 297Ah 10Hour Rate (29.7A to 5.40V) 231.6Ah 3Hour Rate (77.2A to 5.25V)
Internal resistance	Full charged at 25˚C: 1.8 mΩ
Max. Discharge Current	3300A(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.66A ; Recom.33A Float Charge voltage(-1.5mV/℃) : 6.75-6.9V,recom.6.9V(Full floating system) Equalize charge:6.9-7.05V,recom.7.05V(-2mV/ ˚C) Cycle charge:7.2-7.5V,recom.7.2V(-3mV/ ˚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	784	634	424	271	224	182	133	116	81.7	63.7	55.6	47.1	36.6	32.7	17.8
1.65V	770	623	416	266	220	179	130	114	80.1	62.5	54.5	46.2	35.9	32.1	17.5
1.70V	755	612	409	261	216	176	128	112	78.6	61.4	53.5	45.4	35.3	31.5	17.1
1.75V	741	602	402	256	212	173	126	110	77.2	60.2	52.5	44.5	34.6	30.9	16.5
1.80V	713	577	386	246	203	166	121	106	74.3	57.9	50.5	42.8	33.2	29.7	15.7
1.85V	680	541	364	229	191	156	112	100	70.9	53.9	48.3	39.9	31.6	27.7	14.5

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	1509	1098	817	522	422	352	265	224	157	126	107	92.2	70.4	62.9	35.0
1.65V	1482	1079	802	512	415	346	261	220	155	124	105	90.6	69.1	61.8	34.3
1.70V	1454	1057	787	503	406	339	256	216	152	121	103	88.8	67.9	60.6	33.6
1.75V	1427	1037	772	493	399	332	251	211	149	119	101	87.2	66.6	59.5	33.0
1.80V	1372	998	743	474	384	320	241	204	143	114	97.4	83.9	64.0	57.2	31.7
1.85V	1300	944	704	460	363	303	230	195	134	109	91.9	79.9	60.8	54.5	30.3

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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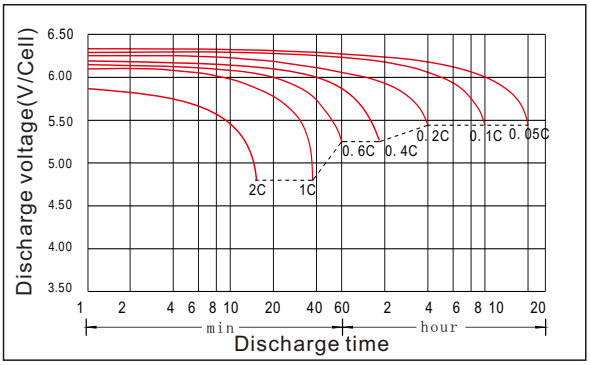
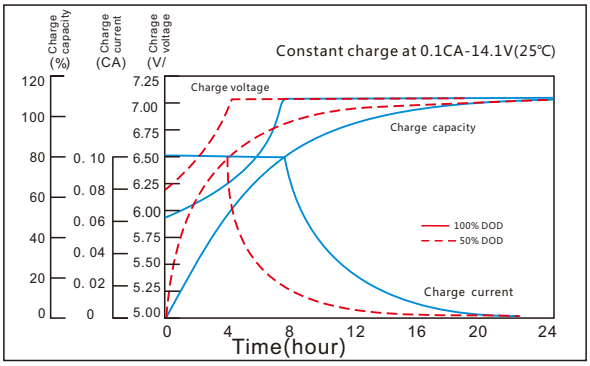
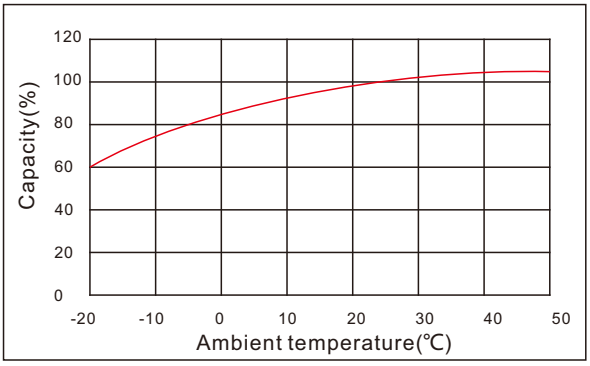
Discharge characteristic



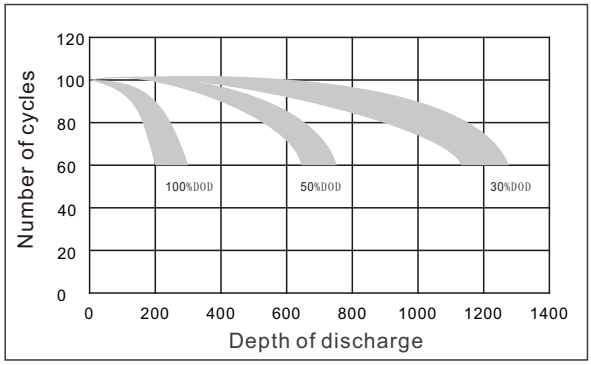
Charging characteristic



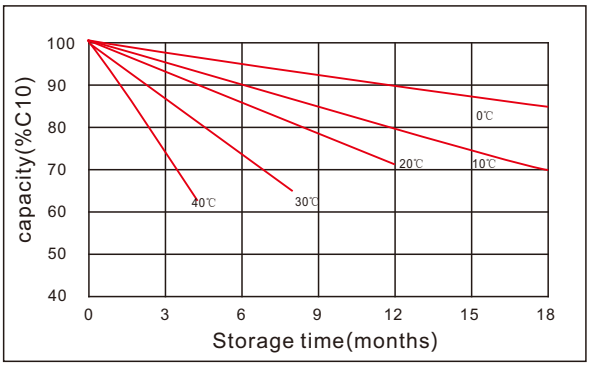
The effect of temperature on capacity



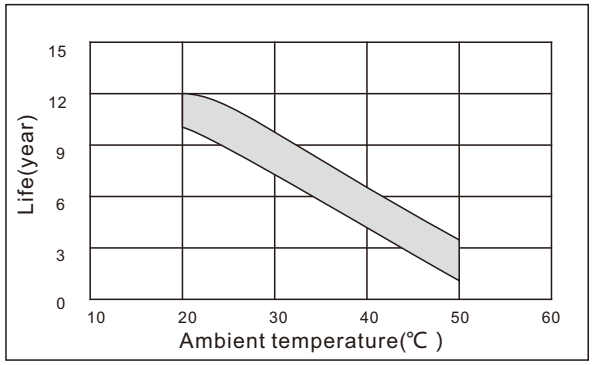
The impact of discharge depth on capacity



Curves of self-discharge



The effect of temperature on float life



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