

OPzV2-2000

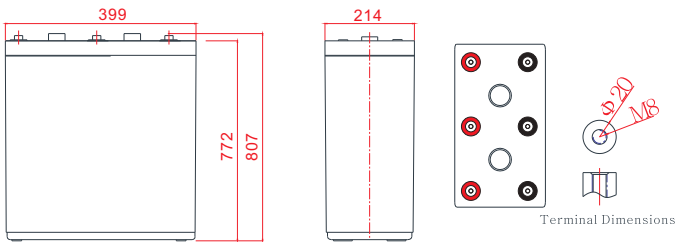


General Features

- > Tubular plate design to enhance battery performance
- > Tubular plate design makes long battery life
- > Relatively rich electrolyte, high temperature and low temperature performance is superior
- > Long cycle life, excellent deep cycle discharge ability
- > Excellent charge acceptance ability
- > Precision sealing technology



Dimension: 399(L)×214(W)×772(H)×807(TH) Unit: mm



Applications

- > Solar / wind energy and other new energy storage
- > Power systems
- > Telecommunications system
- > UPS/EPS
- > Auto control system
- > Other general purpose

Specification

Nominal Voltage	2V
Nominal Capacity	2000Ah
Design life	20 years
Terminal	M8
Approx. Weight	Approx 150kg (331lbs)
Container Material	ABS
Rated Capacity	2000Ah 10Hour Rate (200A to 1.80V)
	1500Ah 3Hour Rate (500A to 1.80V)
	1000Ah 1Hour Rate (1000A to 1.80V)
Internal resistance	Full charged at 25°C: 0.32 mΩ
Max. Discharge Current	10000A(5S)
Operating Temperature	Discharge: -15~50°C(5~ 122°F)
	Charge: -15~50°C(5~ 122°F)
	Storage: -20 ~40°C(-4~ 104°F)
Charge current:	Max. 400.0A ; Recom.200.0A
Charge Method (25 °C)	Float Charge:2.23-2.25V,recom.2.25V(-3mV/ °C)
	Equalize charge:2.30-2.40V,recom.2.35V(-4mV/ °C)
	Cycle charge:2.35-2.45V,recom.2.40V(-5mV/ °C)
Self discharge	3% of capacity declined per month at 25°C

Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

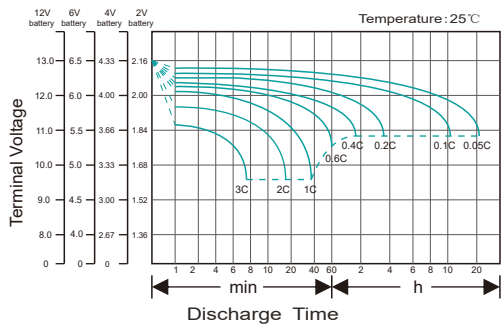
F.V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h
1.60V	2100	1650	1200	750	540	430	365	321	259	212
1.65V	1980	1570	1130	730	530	420	360	317	257	211
1.70V	1870	1500	1110	710	520	418	356	312	254	210
1.75V	1750	1420	1040	690	510	410	350	306	249	207
1.80V	1630	1330	1000	670	500	400	340	298	243	201
1.85V	1500	1210	930	630	480	390	330	288	236	198

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

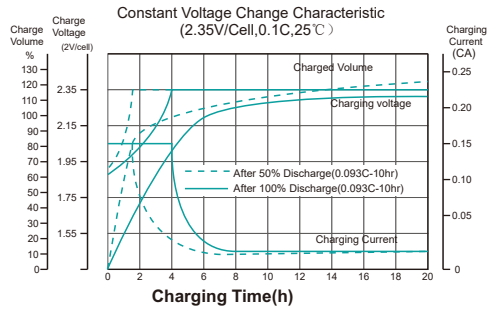
F.V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h
1.60V	3620	2900	2190	1400	1020	815	693	611	495	406
1.65V	3460	2750	2060	1370	1005	799	687	605	492	405
1.70V	3270	2650	2030	1340	990	797	680	597	488	404
1.75V	3090	2540	1940	1310	975	785	671	588	480	400
1.80V	2920	2430	1860	1280	960	769	658	574	469	389
1.85V	2710	2240	1770	1210	930	757	644	561	460	387

OPzV2-2000

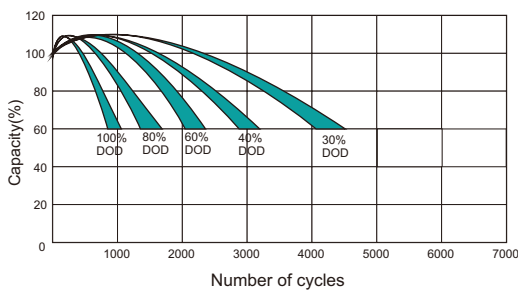
Discharge Characteristics Curve



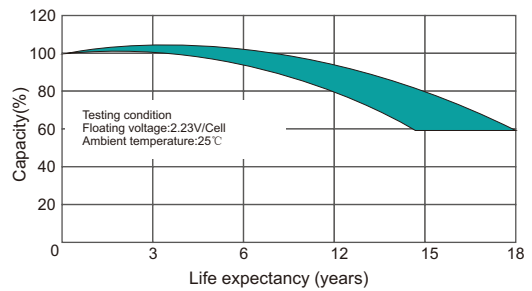
Charging Characteristics Curve



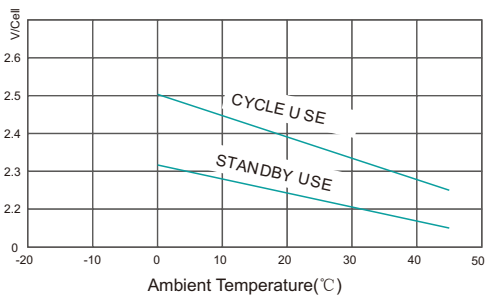
Cycle life of Different DOD



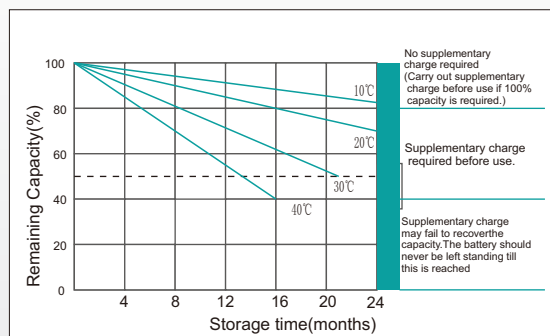
Float charging service life Curve



Charging voltage and temperature relationship



Self-discharge Characteristics



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.

