



JDG Series AGM-GEL battery

3-EVF-200

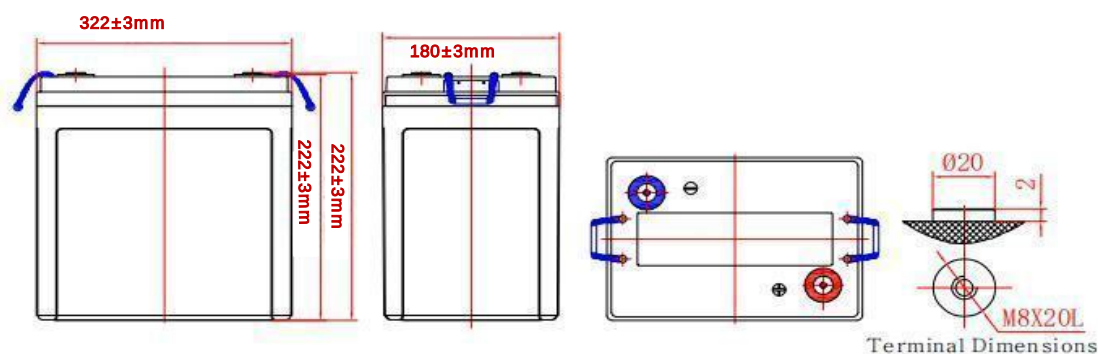
General Features

- Nanosilica colloidal electrolyte and high tin positive plate alloy design to enhance battery performance
- 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
- Low self-discharge rate



Dimension: 322(L) × 180(W) × 222(H) × 222(TH)

Unit: mm



Specification

Nominal Voltage	6V
Nominal Capacity	200Ah
Design life	10 years
Terminal	M8
Approx. Weight	Approx 32.0kg (70.54lbs)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25°C

Rated Capacity

10Hour Rate (23.0A to 10.5V)	230.0Ah
3Hour Rate (67.0A to 10.5V)	201.0Ah
1Hour Rate (174A to 10.5V)	174.0Ah

Operating Temperature

Discharge:	-20 ~50°C (-4 ~ 122°F)
Charge :	-20 ~50°C (-4 ~ 122°F)
Storage:	-20 ~50°C (-4 ~ 122°F)

Charge Method(25 °C)

Max charge current	33.0A
Float Use:	6.75-6.90V@25
Cycle Use :	7.20-7.50V@25

Standards

Executive standard :GB/T32620-2016

Applications

- UPS/EPS
- Powersystems
- Telecommunications system
- Emergency lighting, Auto control system
- Solar/wind generating storage cyclic
- Motive Power Applications

Attain Certificate



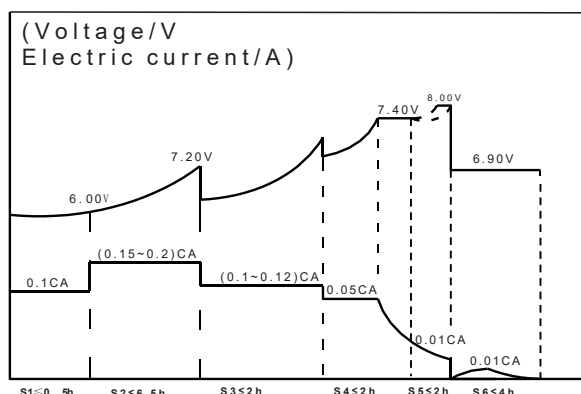
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.



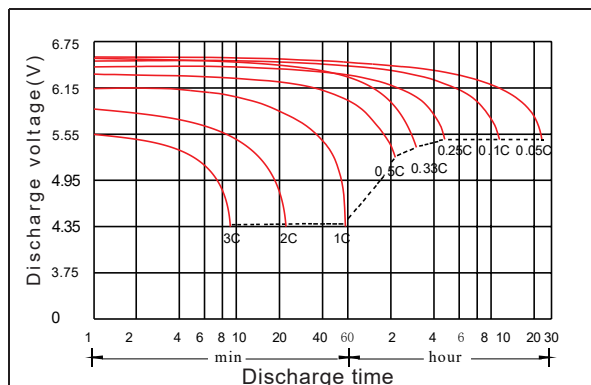
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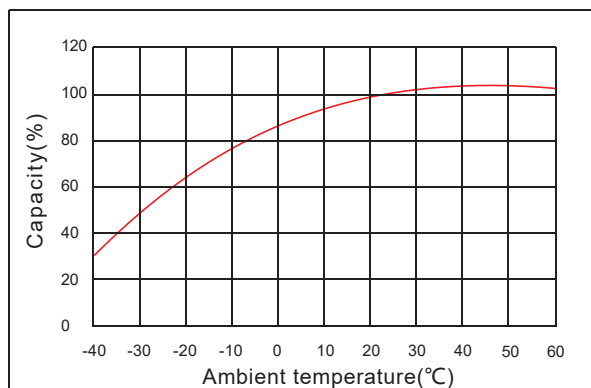
Charging characteristic



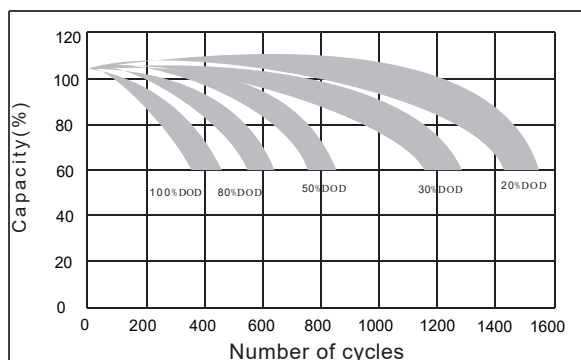
Discharge characteristic



The effect of temperature on capacity



The effect of discharge depth on cycle life



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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	302	151.25	92.7	61.50	39.69	28.1	23.7	12.02
1.65V	296	149.50	92.1	60.30	39.52	27.8	23.5	11.93
1.70V	290	147.20	91.3	59.58	39.27	27.6	23.0	11.89
1.75V	288	145.30	90.0	58.80	39.02	27.3	22.5	11.68
1.80V	276	141.20	88.4	58.10	38.95	27.3	22.3	11.22
1.85V	251	138.10	83.9	57.20	38.88	26.1	22.1	11.03

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

FV/Time	30min	1h	2h	3h	5h	6h	10h	20h
1.60V	414.8	238.0	124.4	87.0	61.2	54.4	32.6	19.0
1.65V	398.2	228.5	119.5	83.6	58.8	52.2	31.3	18.3
1.70V	389.9	223.7	117.0	81.8	57.5	51.1	30.7	17.9
1.75V	373.3	214.2	112.0	78.3	55.1	49.0	29.4	17.1
1.80V	360.9	207.1	108.3	75.7	53.2	47.3	28.4	16.6
1.85V	340.1	195.2	102.0	71.4	50.2	44.6	26.8	15.6