



JDG Series AGM-GEL battery

6-EVF-70

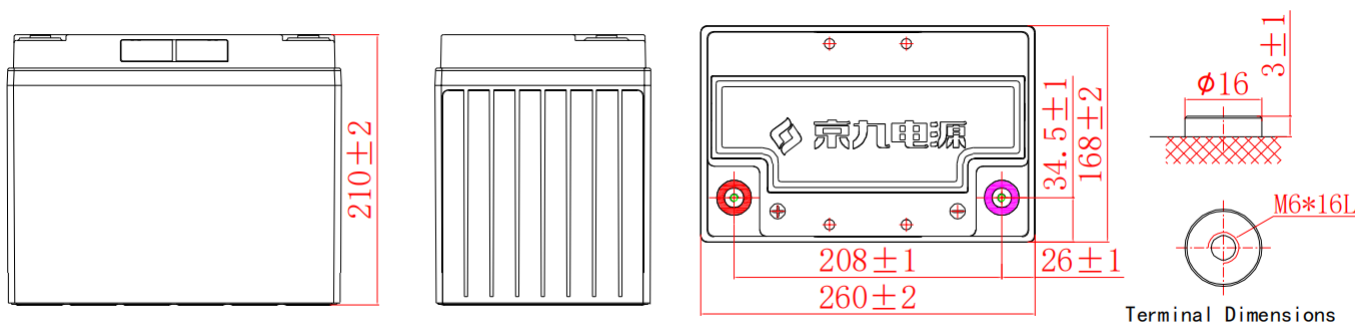
General Features

- 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: 260(L) × 168(W) × 210(H) × 210(TH)

Unit: mm



Specification	
Nominal Voltage	12V
Nominal Capacity	72Ah
Design life	5 years
Terminal	M6
Approx. Weight	Approx 24.00kg ± 3% (52.91lbs)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25°C
Rated Capacity	
20Hour Rate (4.50A to 10.5V)	90.0Ah
3Hour Rate (24.0A to 10.5V)	72.0Ah
1Hour Rate (60.0A to 10.5V)	60.0Ah
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	10.8A
Float Use:	13.7-13.9V @ 25
Cycle Use :	14.7-14.9V, @ 25

Standards

Executive standard : GB/T32620-2016

Applications

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

Attain Certificate



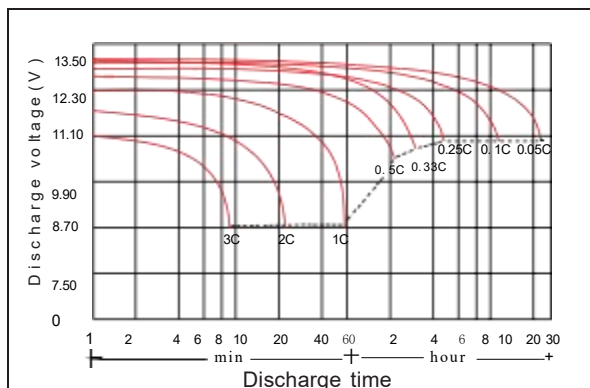
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.



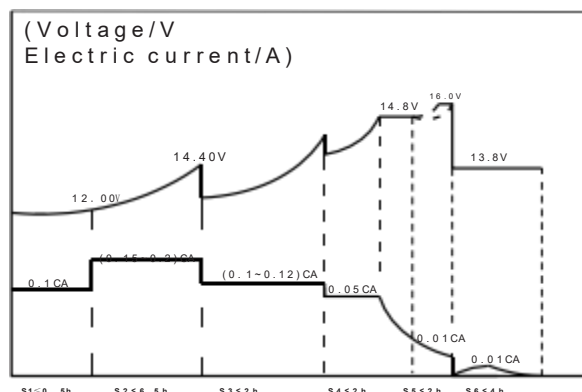
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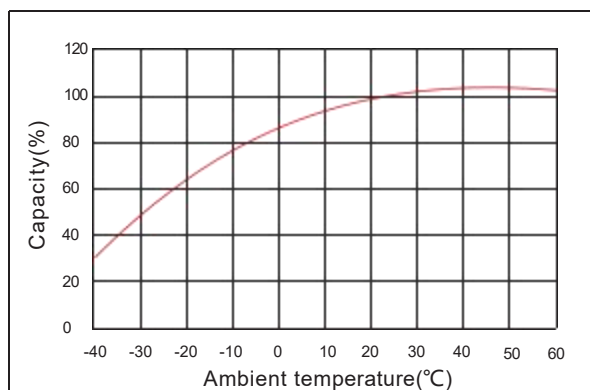
Discharge characteristic



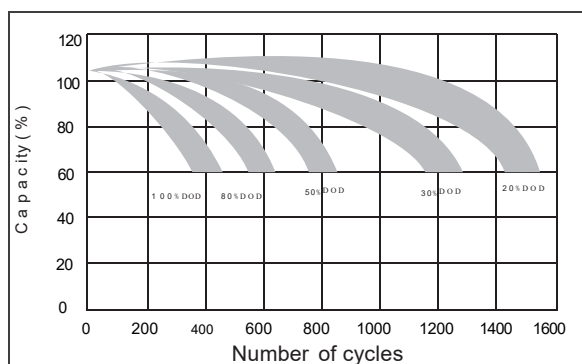
Charging characteristic



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	101	61.7	33.5	24.9	16.5	10.4	8.75	4.57
1.65V	98.7	61.3	33.3	24.7	16.4	10.3	8.67	4.55
1.70V	96.8	60.9	33.0	24.3	16.2	10.2	8.58	4.52
1.75V	96.0	60.0	32.5	24.0	16.0	10.1	8.50	4.50
1.80V	91.8	58.5	31.9	23.9	15.6	10.1	8.42	4.48
1.85V	83.8	54.2	30.3	22.5	14.8	9.63	8.16	4.40

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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	182	117	63.2	47.3	31.3	20.2	16.8	9.04
1.65V	180	116	63.0	46.8	31.1	20.0	16.6	9.00
1.70V	180	115	62.8	46.5	30.9	19.9	16.5	8.95
1.75V	179	114	62.4	46.2	30.7	19.8	16.4	8.92
1.80V	174	113	62.2	46.1	30.3	19.6	16.2	8.87
1.85V	160	105	59.4	43.9	29.0	19.0	15.9	8.79