



JDG Series AGM-GEL battery

6-EVF-150



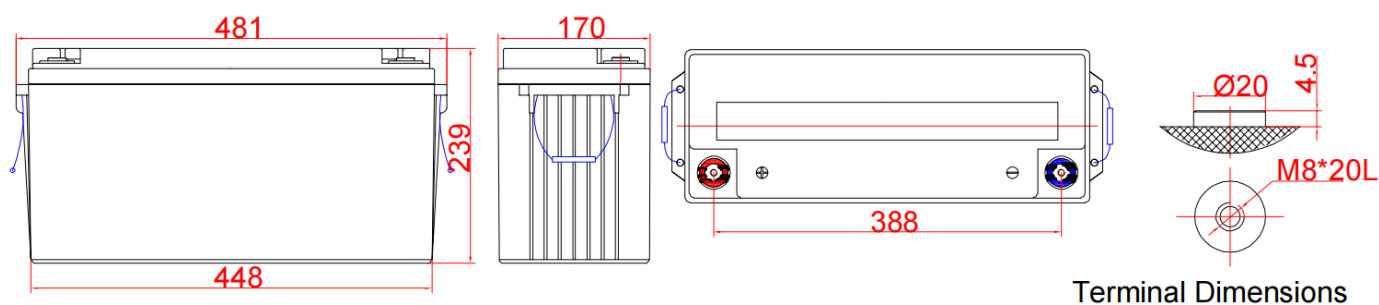
General Features

- 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
- Long life



Dimension: 481(L) × 170(W) × 239(H) × 239(TH)

Unit: mm



Terminal Dimensions

Specification	
Nominal Voltage	12V
Nominal Capacity	150Ah@3Hour-rate to 1.75V per cell @25°C
Design life	10 years
Terminal	M8
Approx. Weight	Approx 50.0kg±3% (110.2lbs±3%)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25°C
Rated Capacity	
10Hour Rate (17.0A to 10.5V)	170.0Ah
3Hour Rate (50.0A to 10.5V)	150.0Ah
1Hour Rate (126A to 10.5V)	126.0Ah
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	22.5A
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



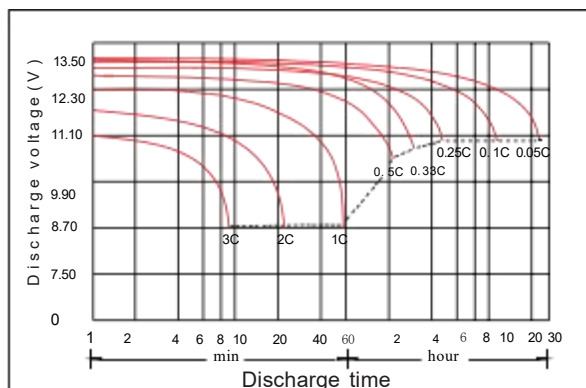
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.



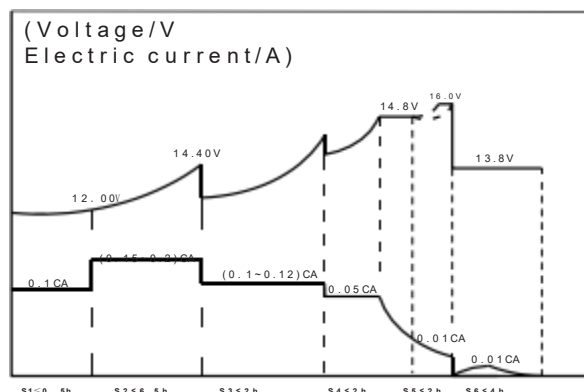
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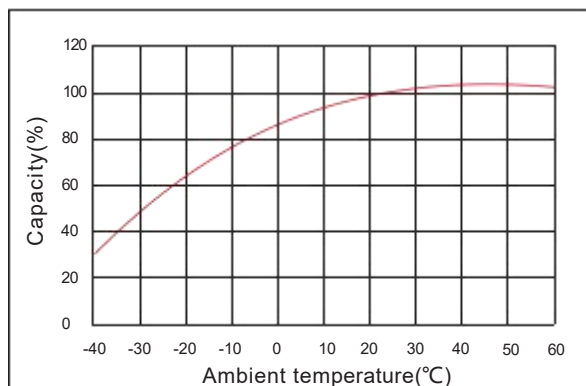
Discharge characteristic



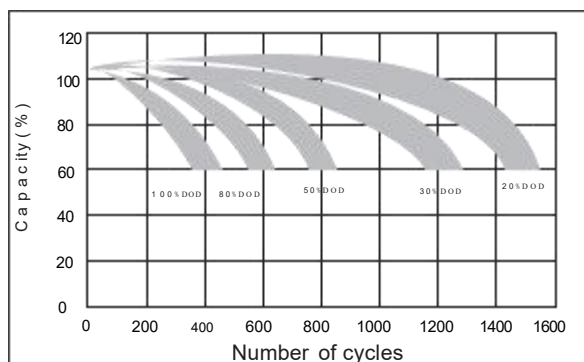
Charging characteristic



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	226	130	72.1	51.9	33.0	20.8	17.5	9.43
1.65V	222	129	71.7	51.4	32.8	20.6	17.3	9.40
1.70V	218	128	71.0	50.6	32.4	20.4	17.2	9.34
1.75V	216	126	70.0	50.0	32.0	20.2	17.0	9.30
1.80V	207	123	68.8	49.8	31.2	20.2	16.8	9.26
1.85V	189	114	65.2	46.9	29.7	19.3	16.3	9.09

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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	409	246	136	98.8	62.5	40.4	33.7	18.7
1.65V	405	244	136	97.5	62.2	40.0	33.3	18.6
1.70V	405	242	135	96.9	61.9	39.8	32.9	18.5
1.75V	403	240	134	96.3	61.5	39.6	32.7	18.4
1.80V	392	237	134	96.1	60.7	39.3	32.4	18.3
1.85V	359	220	128	91.4	58.0	38.0	31.8	18.2