

JLG6-330



JLG Series Pure GEL battery

Applications

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

Specification

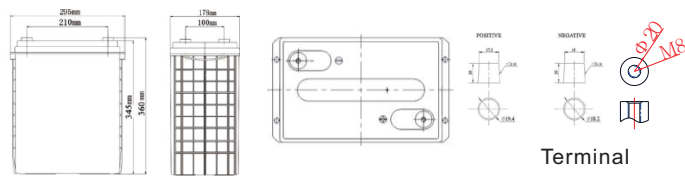
Nominal Voltage	6V
Nominal Capacity	330Ah
Design life	15 years
Terminal	M8
Approx. Weight	Approx47.0kg (104lbs)
Container Material	ABS
Rated Capacity	330Ah 20Hour Rate (16.5A to 5.25V)
	306Ah 10Hour Rate (30.6A to 5.25V)
	260Ah 5Hour Rate (52.17A to 5.25V)
Internal resistance	Full charged at 25°C: 1.5 mΩ
Max. Discharge Current	3300A(5S)
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)	Charge current: Max. 66.0A
	Float Charge:6.75-6.90V,recom.6.75V(-9mV/ °C)
	Equalize charge:6.90-7.05V,recom.7.05V(-12mV/ °C)
	Cycle charge:7.15-7.25V,recom.7.20V(-15mV/ °C)
Self discharge	3% of capacity declined per month at 25°C

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: 295(L)×178(W) ×345(H)×365(TH) Unit: mm



Terminal

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

F.V/Time	5M	15M	30M	1h	2h	3h	5h	8h	10h	20h
1.60V	865.60	464.00	296.52	196.65	116.82	85.14	57.42	37.90	31.90	17.26
1.65V	817.44	439.14	285.36	190.65	113.49	82.64	55.48	37.70	31.50	17.12
1.70V	763.80	420.28	272.80	186.55	111.15	80.18	53.49	37.20	31.10	16.82
1.75V	684.50	394.42	263.64	176.00	105.80	77.10	52.17	37.00	30.60	16.5
1.80V	597.60	360.00	245.48	165.75	101.46	74.61	50.05	36.70	29.90	16.29
1.85V	518.70	311.50	219.04	148.42	90.95	67.43	47.23	35.20	28.80	15.65

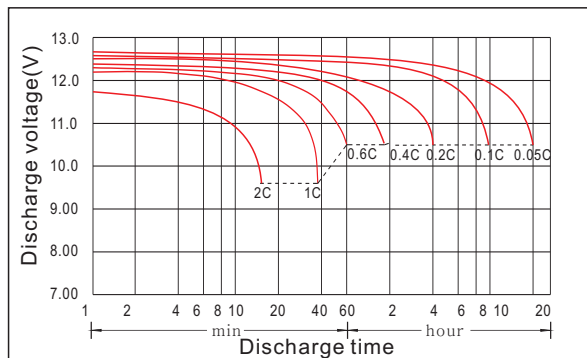
Constant Power Discharge Characteristics Unit: W/cell(25°C, 77°F)

F.V/Time	5M	15M	30M	1h	2h	3h	5h	8h	10h	20h
1.60V	1505.62	850.75	609.90	391.00	242.55	183.15	123.75	84.15	71.28	39.80
1.65V	1415.07	814.05	588.69	384.12	235.62	179.19	120.78	83.16	70.79	39.30
1.70V	1369.86	784.47	576.03	376.32	229.68	175.23	117.81	82.17	69.99	38.81
1.75V	1246.63	759.22	559.81	366.72	222.75	170.28	114.84	81.18	69.20	38.31
1.80V	1113.00	699.00	534.18	352.47	215.82	164.34	110.88	79.2	68.41	37.72
1.85V	942.88	590.72	467.29	316.80	199.98	151.47	105.93	75.24	65.84	36.14

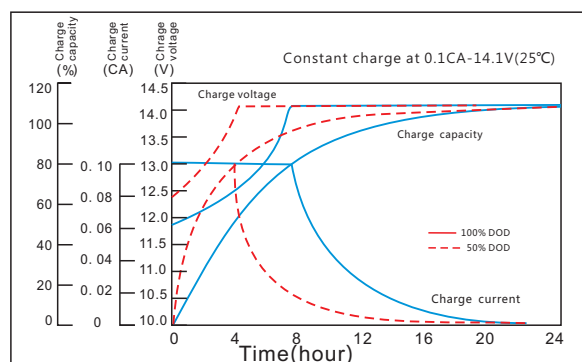
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

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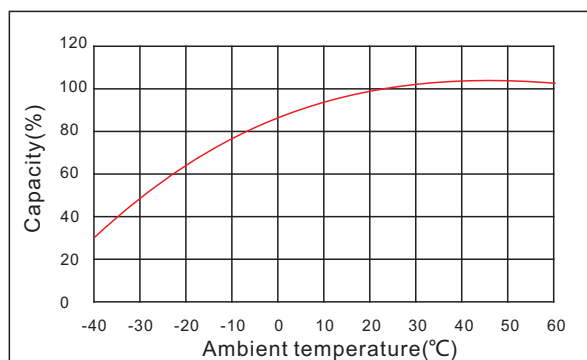
Discharge characteristic



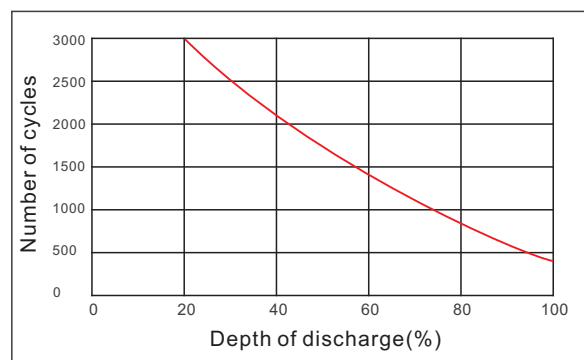
Charging characteristic



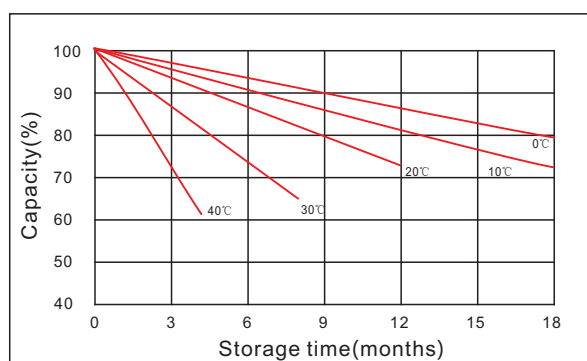
The effect of temperature on capacity



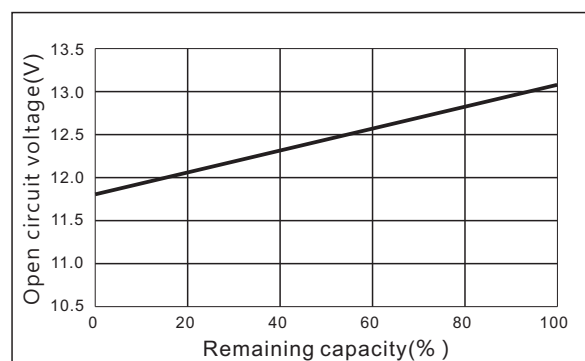
The effect of discharge depth on cycle life



Curves of self-discharge



Curves of open circuit voltage vs. capacity



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