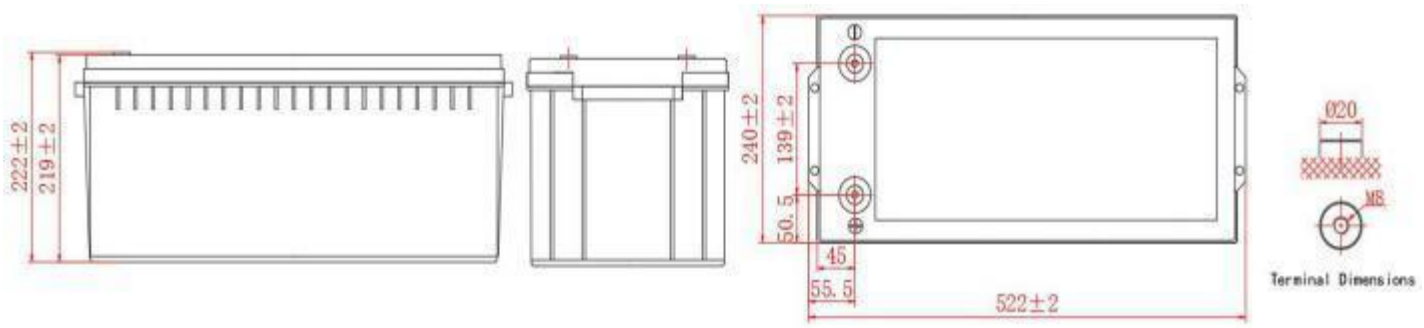
JH Series High-Rate battery JH12-710W

General Features

- ▶ High corrosion resistant performance: Pb-Ca multi-alloy grid
- ▶ High energy density and power density
- ▶Optimized capability of instant high-current discharging
- ▶ Excellent charge acceptance ability
- ▶ Excellent deep cycle discharge capability
- ▶Strong high and low temperature performance
- ▶ Precision sealing technology
- ▶ Long life

Dimension:522(L) ×240(W) ×219(H) ×222(TH) **Unit: mm**



Specification	
Nominal Voltage	12V
Nominal Capacity	710W@ 15min-rate to 1.67V percell@25℃
Design life	10 years
Terminal	M8
Approx. Weight	Approx62.0 ±3%kg (136.7±3%lbs)
Container Material	ABS(UL94-HB, UL94-V0 Optional)
short-circuit current	3636A
Internal resistance(Full charged at 25°C:)	3.3 mΩ
Self discharge	3% of capacity declined per month at 25°C
Operating Temperature	
Discharge:	-20 ~50℃(-4~ 122°F)
Charge :	-20 ~50℃(-4~ 122°F)
Storage:	-20 ~50℃(-4~ 122°F)
Charge Method (25 ° C)	
Charge current:	Max. 52.5A;Recom.21.0A
Float charge:13.5-13.8V	recom.13.8V(-18mV/ °C)
Equalize charge:13.8-14.1V	recom.14.1V(-24mV/ °C)
Cycle charge:14.4-15.0V	recom.14.7V(-30mV/ °C)

Standards

Executive standard: IEC 60896-21/22、GB/T 19638.1-2014、YD/T 3427-2018

Applications

- ▶ UPS/EPS
- ▶ Power systems
- ▶Telecommunications system
- ▶ Emergency lighting、Auto control system
- ▶Solar/wind generating storage cyclic
- ▶Other general purpose

Rated Capacity

10Hour Rate (21.0A to 10.8V)	210.0Ah
3Hour Rate (57.9A to 10.2V)	173.7Ah
1Hour Rate (145.8A to 9.6V)	145.8Ah

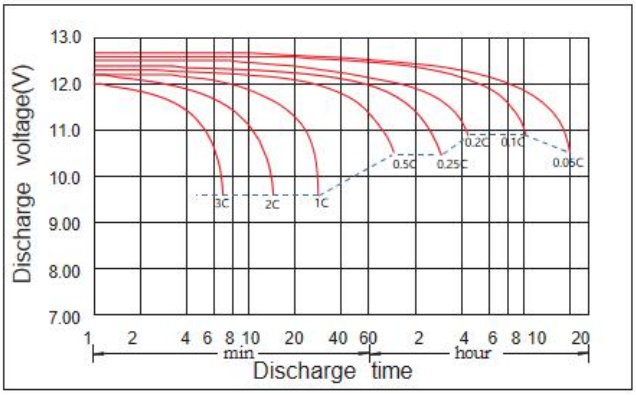
Attain Certificate

ISO 9001 COM · ISO 14001 COM · OHSAS 18001 COM · RoHS · UL · CE · FC · PSE · RCM

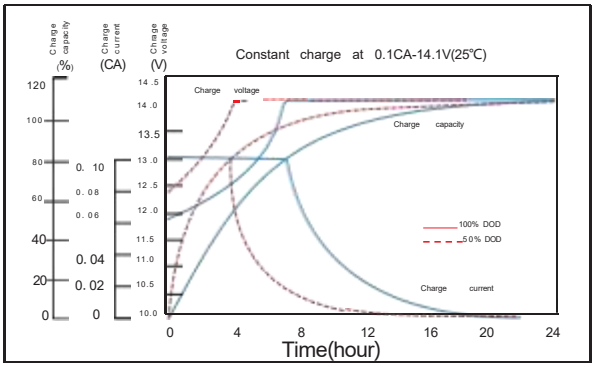
Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

JH Series High-Rate battery JH12-710W

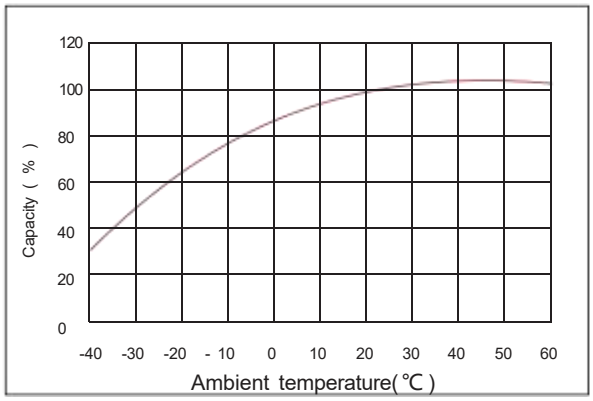
Discharge characteristic



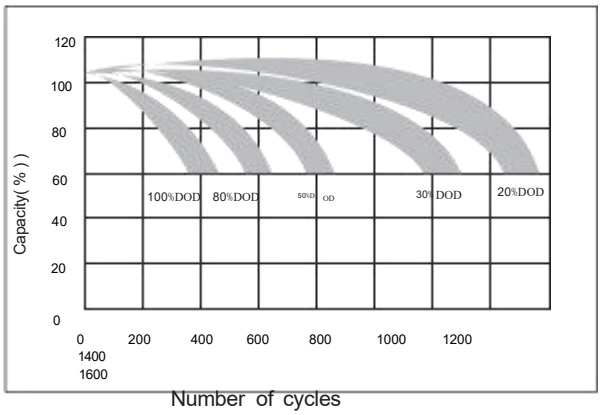
Charging characteristic



The effect of temperature on capacity



The effect of discharge depth on cycle life



Constant Current Discharge Characteristics Unit:A (25℃,77℉)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	623.6	527.8	433.9	260.5	185.2	145.8	104.7	82.7	59.4	47.0	39.2	33.4	26.4	22.4	11.7
1.67V	560.6	487.8	404.6	254.6	181.6	144.4	103.4	81.0	58.5	46.1	38.5	32.9	26.1	22.0	11.5
1.70V	531.5	459.4	390.7	248.6	179.7	141.4	102.9	80.5	57.9	45.3	38.0	32.5	25.6	21.9	11.4
1.75V	496.5	430.6	369.5	238.0	171.8	135.1	98.6	77.7	56.2	44.2	37.0	32.0	25.2	21.3	11.3
1.80V	454.8	402.0	349.5	227.8	165.3	130.9	94.9	74.9	54.4	42.8	36.1	30.9	24.8	21.0	11.2
1.85V	390.4	340.5	300.6	201.7	145.9	117.5	86.5	68.6	50.3	39.8	33.6	29.0	23.3	20.0	10.6

Constant Power Discharge Characteristics Unit: W/cell (25℃ ,77℉)

FV/Time	5min	10min	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	1085	875.0	729.1	426.5	308.8	247.0	178.4	141.2	102.4	81.3	68.1	58.3	46.5	39.7	20.8
1.67V	962.2	823.4	710.0	423.4	306.5	246.8	177.6	139.5	101.4	80.2	67.3	57.6	46.1	39.1	20.5
1.70V	951.9	790.5	669.5	415.4	304.6	242.4	177.4	139.0	100.6	79.1	66.5	57.1	45.3	38.9	20.3
1.75V	882.2	745.5	631.8	401.9	293.5	233.0	170.8	134.8	98.0	77.3	65.1	56.4	44.7	37.9	20.1
1.80V	813.5	701.3	602.4	388.5	284.7	227.2	165.3	130.6	95.3	75.3	63.6	54.6	44.0	37.4	19.9
1.85V	709.7	618.3	535.8	347.4	253.3	205.1	151.5	120.3	88.4	70.2	59.5	51.5	41.6	35.8	19.0

Jiangxi JingJiu Power Science & Technology Co., LTD.

Add: 1388 Fushan No.1 Street, Xiaolan Economic Development Zone, Nanchang, Jiangxi, China