USB BATTERY ®

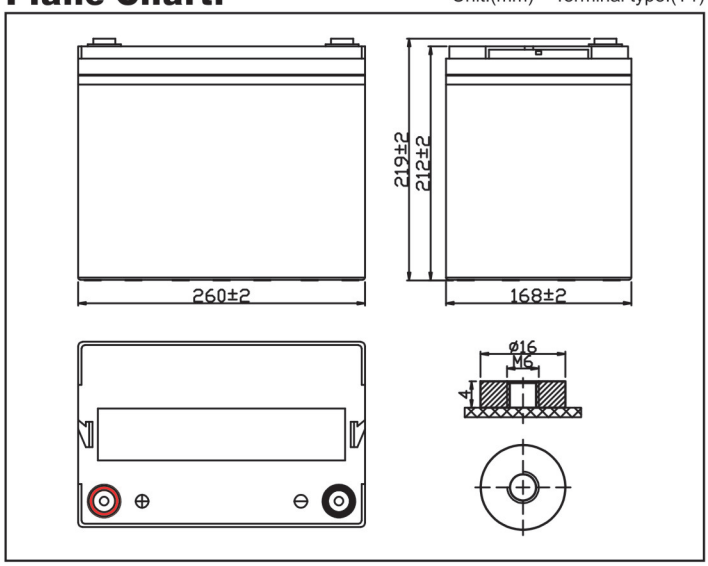
INDUSTRIAL BATTERY - VRLA-AGM BATTERY - SMALL SERIES

ULL120800-2 12V80AH 10 YEARS DESIGN LIFE



Plane Chart:

Unit:(mm) Terminal type:(T1)

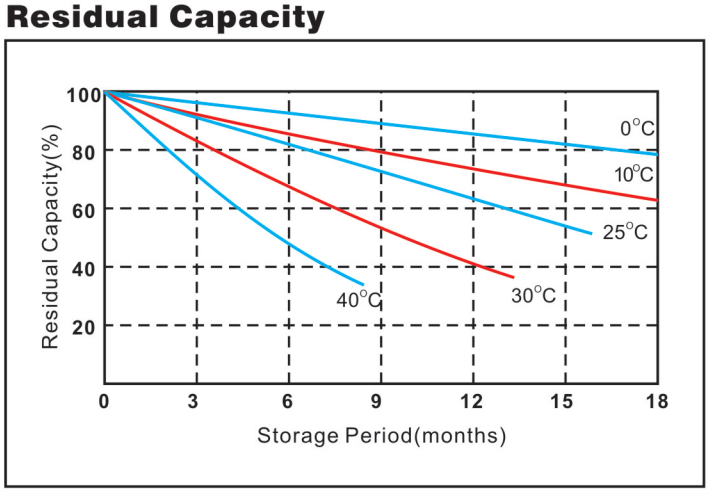


Parameter Chart:

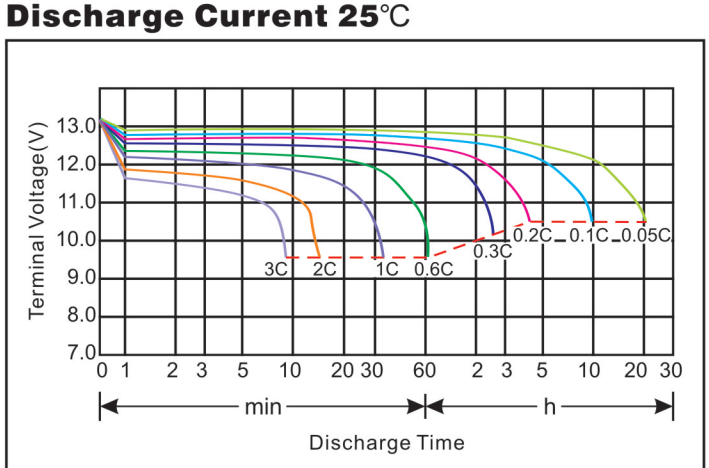
Volts	12V	
Capacity(25°C)	10 hours rate (7.5A)	80Ah
Discharge Current Testing (25°C)	1 hours rate (41.2A)	43Ah
	3 hours rate (18.7A)	58Ah
Internal Resistance	Full Charged Battery 25°C	6.2mΩ
Capacity Affected By Temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%
	Capacity After 6 Months Storage	82%
	Capacity After 12 Months Storage	65%
Charge (Constant Voltage) Cycle (25°C)	Initial Charging Current Less Than 24A Voltage 14.5~14.9V	
Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)	22.9Kg	

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

Residual Capacity



Discharge Current 25℃

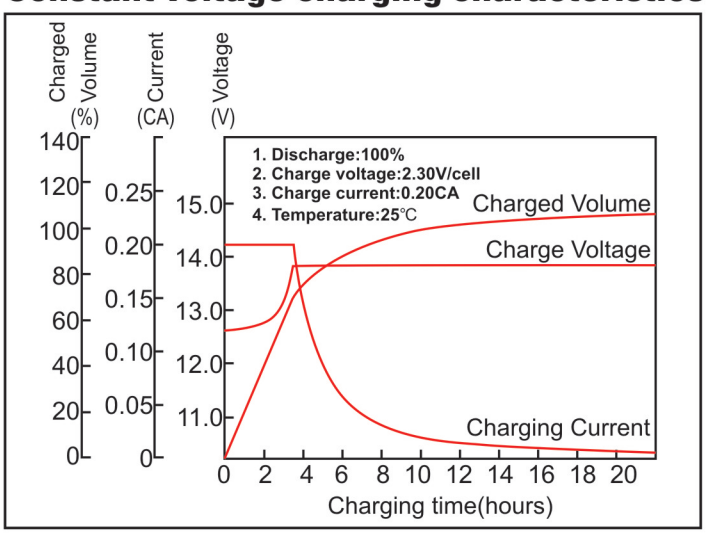


BATTERY ®

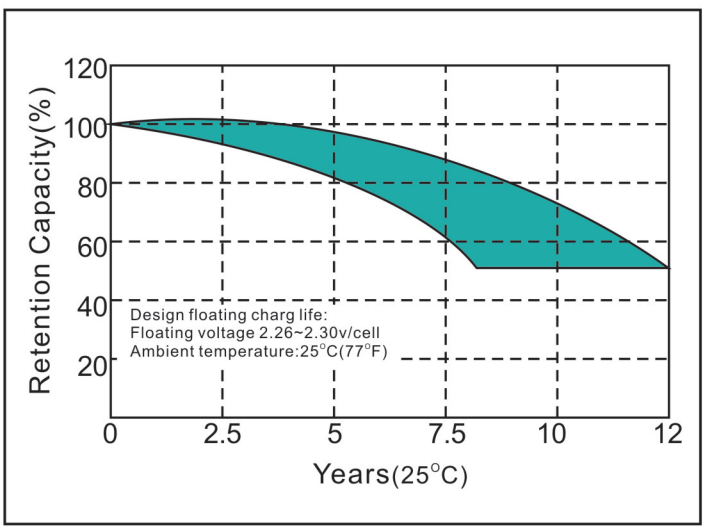
INDUSTRIAL BATTERY - VRLA-AGM BATTERY - SMALL SERIES

ULL120800-2 12V80AH 10 YEARS DESIGN LIFE

Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	236.5	158.3	124.2	78.2	42.5	26.4	19.1	12.8	8.8	7.6	3.9
10.2V	220.6	148.3	119.2	75.0	41.1	25.8	18.7	12.4	8.5	7.5	3.8
10.5V	209.2	140.0	116.2	73.1	39.5	24.8	18.2	12.1	8.2	7.5	3.8
10.8V	185.5	130.5	113.2	71.2	38.2	23.6	17.7	11.7	7.9	7.5	3.8

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	2486.0	1704.4	1361.7	876.8	489.6	310.8	222.5	156.3	102.6	90.3	48.1
10.2V	2361.7	1605.5	1306.6	825.6	462.5	298.6	219.5	151.2	99.8	89.7	47.6
10.5V	2246.3	1495.6	1274.0	796.2	445.6	285.4	216.9	145.6	94.5	89.1	47.5
10.8V	2017.7	1385.5	1225.6	765.5	421.5	275.6	214.4	138.5	91.2	87.8	47.4

Capacity Factors With Different Temperature

Battery Type		−20°C	−10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

TS EN 60896-21/22

ISO9001
ISO14001
OHSAS18001