



INDUSTRIAL BATTERY - VRLA-AGM BATTERY - 2V SERIES

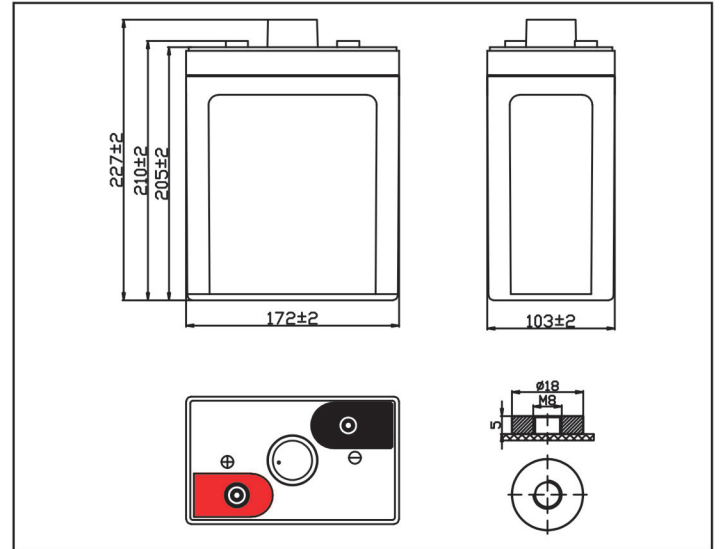
MODEL: OT150-2

NO.: 302010005-00207



Plane Chart:

Unit:(mm) Terminal type:(T2)



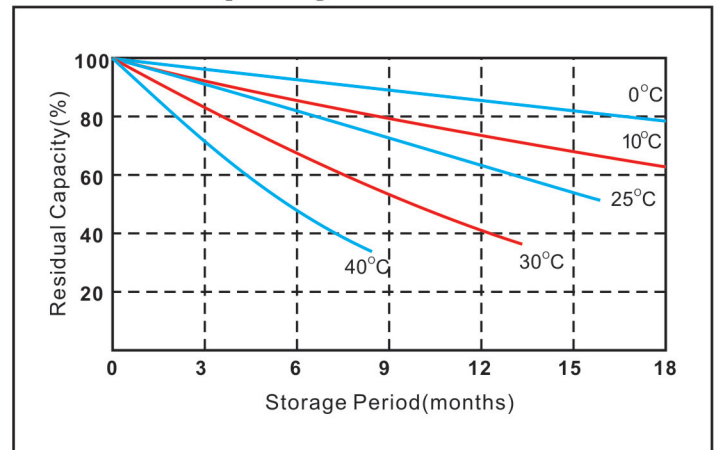
ISO 9001
ISO 14001
OHSAS18001



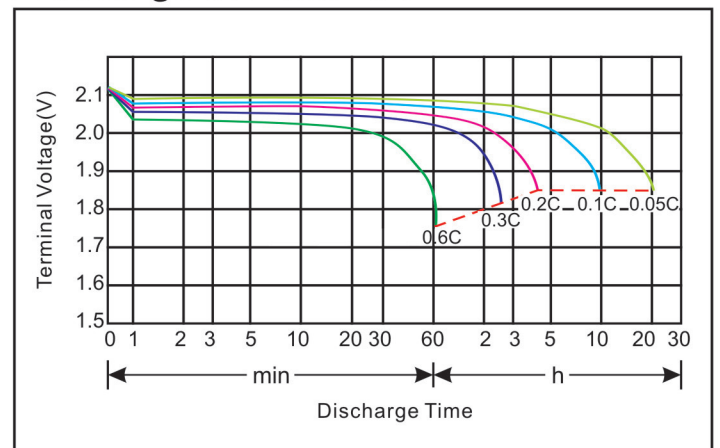
Parameter Chart:

Volts		2V
Capacity(25°C)	10 hours rate (15A)	150Ah
Discharge Current Testing (25°C)	1 hours rate (82.5A)	84Ah
	3 hours rate (37.5A)	114Ah
Internal Resistance	Full Charged Battery 25°C	0.66mΩ
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 45A Voltage 2.35~2.40V
	Float (25°C)	Charge Voltage 2.23~2.27V
Weight (Approx)		7.92Kg

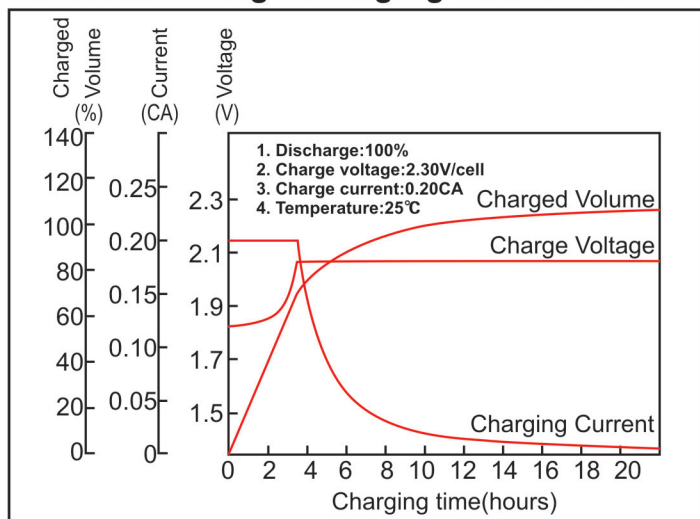
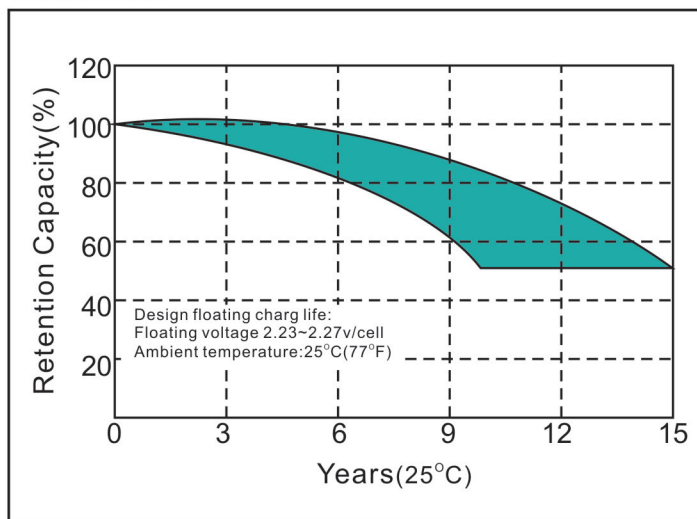
Residual Capacity



Discharge Current 25°C



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

MODEL: OT150-2
NO.: 302010005-00207
Constant voltage charging characteristics

Float Life

Constant Current Discharge Characteristics(A,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	150.0	120.0	90.0	75.0	58.5	47.3	34.5	28.5	20.7	16.5
1.65V	145.5	117.0	87.0	72.0	57.0	45.8	33.8	27.8	20.3	16.1
1.70V	142.5	114.0	84.0	69.0	56.3	42.0	33.0	27.0	19.7	15.8
1.75V	139.5	111.0	82.5	67.5	54.8	39.8	32.3	26.3	19.1	15.5
1.80V	136.5	108.0	81.0	64.5	52.5	37.5	31.5	25.5	18.5	15.0
1.85V	130.5	103.5	78.0	60.0	50.3	36.0	30.0	24.0	17.7	14.6

Constant Power Discharge Characteristice(Watt,25°C)

F.V/TIME	30min	45min	60min	1.5h	2h	3h	4h	5h	8h	10h
1.60V	280.5	224.4	168.3	140.3	109.4	88.4	64.5	53.3	38.7	30.9
1.65V	272.1	218.8	162.7	134.6	106.6	85.6	63.1	51.9	37.9	30.0
1.70V	266.5	213.2	157.1	129.0	105.2	78.5	61.7	50.5	36.7	29.5
1.75V	260.9	207.6	154.3	126.2	102.4	74.3	60.3	49.1	35.6	28.9
1.80V	255.3	202.0	151.5	120.6	98.2	70.1	58.9	47.7	34.5	28.1
1.85V	244.0	193.5	145.9	112.2	94.0	67.3	56.1	44.9	33.1	27.2

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	2V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

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