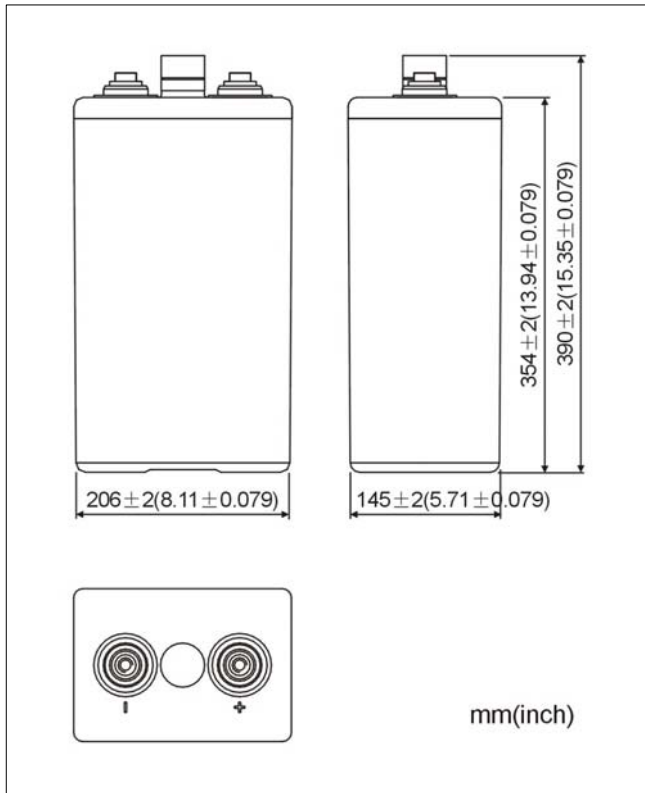


6 OPzV300

NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

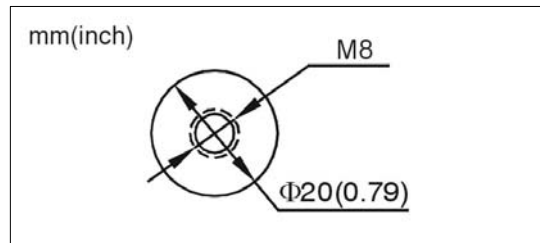
■ DIMENSION



■ FEATURES

- Sealed and Non-Spillable construction design;
- Safety valve installation for explosion proof;
- ABS containers and covers (UL94 V0, optional);
- Maintenance free operation;
- Lowest self-discharge characteristic;
- High quality and high reliability;
- Super long service life.

■ TERMINAL



■ SPECIFICATIONS

Nominal Voltage	2V	Nominal Capacity (C ₁₀)	300Ah (1.80V @ 20°C)	
Dimension	Length 145mm	Weight	Approx. 24.4 kg	
	Width 206mm	Max Charging Current	60A	
	Height 354mm	Internal Resistance	Full charged@20°C: 0.00066 Ohm	
	Total Height 390mm	Self Discharge	2% of capacity declined per month@20°C	
Capacity Affected by Temp. (10HR)	40°C	20°C	0°C	-15°C
	109%	100%	85%	65%

■ CHARGE

Using Mode	Cycle use	Float use
Charge Voltage (20°C)	2.35~2.40V(-5mV/°C)	2.25~2.29V(-3mV/°C)



6 OPzV300

NON-SPILLABLE RECHARGEABLE SEALED LEAD ACID BATTERY

■ CONSTANT CURRENT DISCHARGE CHARACTERISTICS

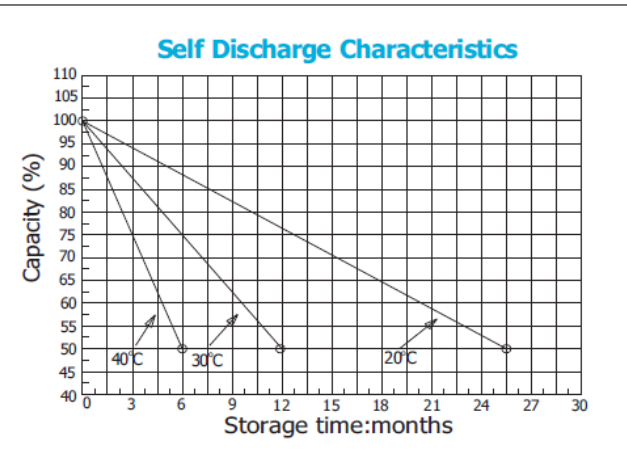
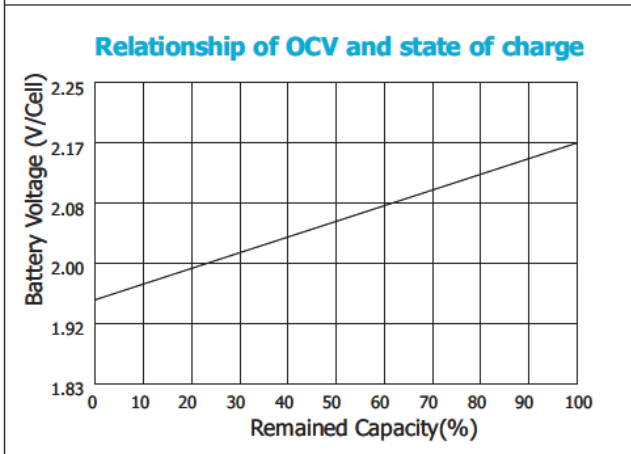
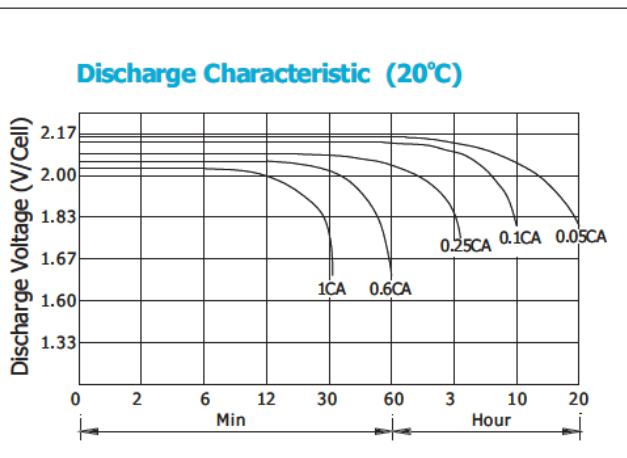
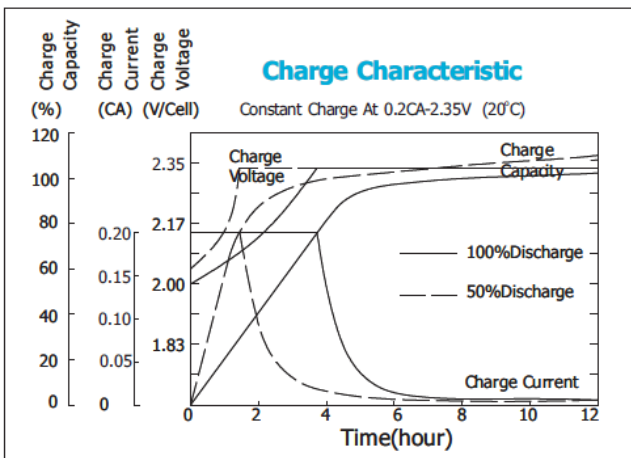
UNIT: A (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	375	258	166	101	75.5	51.3	36.5	30.5	16.5
1.75V	341	247	165	98.4	75.2	51.0	36.0	30.2	16.3
1.80V	303	231	153	95.5	75.0	49.8	34.8	30.0	16.2
1.83V	279	219	148	93.0	70.2	49.0	34.5	29.0	15.7
1.87V	245	198	137	88.0	67.0	47.8	32.5	28.0	15.1
1.90V	221	180	128	82.5	63.0	45.0	31.0	26.5	14.3

■ CONSTANT POWER DISCHARGE CHARACTERISTICS

UNIT: W/CELL (20°C)

F.V/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.70V	624	444	348	184	152	113	78.0	62.7	33.8
1.75V	550	433	315	179	151	111	76.0	61.2	33.0
1.80V	489	416	293	172	148	106	72.6	60.2	32.5
1.83V	466	391	280	168	146	105	71.7	57.8	31.2
1.87V	400	341	259	160	143	103	68.8	56.4	30.5
1.90V	393	332	255	150	135	98.8	64.6	53.7	29.0



Issue: SC-6 OPzV300-001-CGB-201604. For the improvement of products and technology, and the appearance of the specifications are subject to change without prior notice. The company has the right of final interpretation.

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