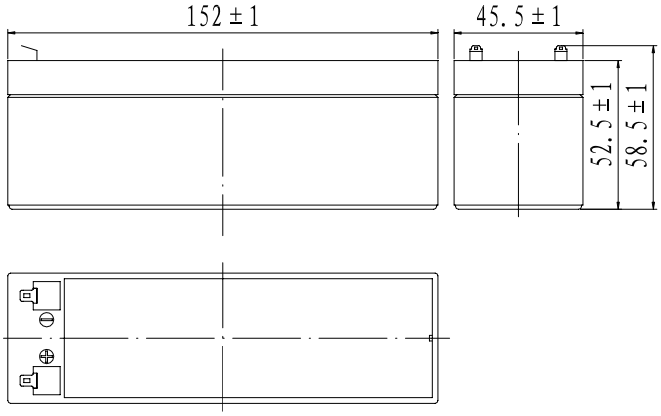
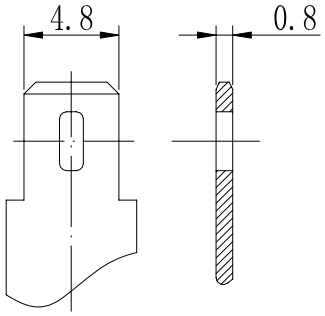
Specifications

Nominal Voltage		12 V
Capacity (25℃)	20HR(10.5V)	2.7Ah
	10HR(10.5V)	2.5Ah
	1HR(9.60V)	1.76Ah
Dimension	Length	152±1mm (5.98inch)
	Width	45.5±1mm (1.79inch)
	Height	52.5±1mm (2.07inch)
	Total Height	58.5±1mm (2.30inch)
Approx. Weight		0.92kg (2.03lbs)±5%
Terminal type		T1
Internal resistance (Fully charged, 25℃)		Approx. 40mΩ
Capacity affected by temperature (20HR)	40℃	102%
	25℃	100%
	0℃	85%
	-15℃	65%
Self-discharge (25℃)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25℃±3℃(77℉±5℉)
Operating temperature range	Discharge	-15℃～50℃(5℉～122℉)
	Charge	-10℃～50℃(14℉～122℉)
	Storage	-20℃～50℃(-4℉～122℉)
Float charging voltage(25℃)		13.60 to 13.80V Temperature compensation: -18mV/℃
Cyclic charging voltage(25℃)		14.50 to 14.90V Temperature compensation: -30mV/℃
Maximum charging current		0.81A
Terminal material		Copper
Maximum discharge current		40.5A(5 sec.)
Designed floating life(20℃)		3~5 years

Dimensions



Terminal



Terminal T1

- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

Constant Current Discharge Characteristics (A, 25℃)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	10.3	6.48	5.13	2.86	1.76	0.96	0.69	0.55	0.47	0.25	0.137
9.90V	9.95	6.29	5.01	2.80	1.73	0.95	0.68	0.55	0.47	0.25	0.136
10.2V	9.54	6.03	4.82	2.72	1.68	0.95	0.68	0.54	0.46	0.25	0.136
10.5V	9.13	5.77	4.66	2.65	1.65	0.93	0.68	0.54	0.46	0.25	0.135
10.8V	8.62	5.44	4.41	2.56	1.60	0.91	0.65	0.52	0.45	0.25	0.132

Constant Power Discharge Characteristics (Watt, 25℃)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	115	73.1	58.5	32.8	20.3	11.2	8.18	6.56	5.59	3.06	1.64
9.90V	111	70.9	57.1	32.1	20.0	11.2	8.13	6.52	5.56	3.05	1.64
10.2V	106	68.0	55.0	31.2	19.5	11.1	8.08	6.48	5.52	3.03	1.63
10.5V	102	65.1	53.1	30.4	19.1	10.9	8.02	6.43	5.48	3.01	1.62
10.8V	96.2	61.4	50.3	29.3	18.5	10.6	7.78	6.24	5.32	2.95	1.59

Note: The above characteristics data can be obtained within three charge/discharge cycles.