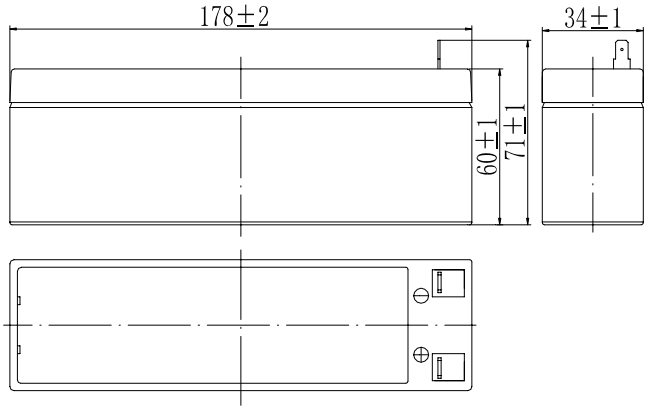
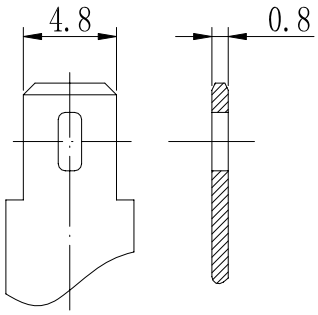
Specifications

Nominal Voltage		12 V
Capacity (25℃)	20HR(10.5V)	2.6Ah
	10HR(10.5V)	2.4Ah
	1HR(9.60V)	1.69Ah
Dimension	Length	178±2mm (7.01inch)
	Width	34±1mm (1.34inch)
	Height	60±1mm (2.36inch)
	Total Height	71±1mm (2.80inch)
Approx. Weight		0.94kg (2.07lbs)±5%
Terminal type		T1
Internal resistance (Fully charged, 25℃)		Approx. 35mΩ
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		0.78A
Terminal material		Copper
Maximum discharge current		39A(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	9.88	6.24	4.94	2.76	1.69	0.92	0.66	0.53	0.45	0.25	0.13
9.90V	9.58	6.05	4.82	2.70	1.66	0.92	0.66	0.53	0.45	0.24	0.13
10.2V	9.19	5.80	4.64	2.62	1.62	0.91	0.65	0.52	0.45	0.24	0.13
10.5V	8.79	5.55	4.49	2.55	1.59	0.90	0.65	0.52	0.44	0.24	0.13
10.8V	8.30	5.24	4.25	2.46	1.54	0.87	0.63	0.50	0.43	0.24	0.13

Constant Power Discharge Characteristics (Watt, 25℃)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	110	70.4	56.3	31.6	19.6	10.8	7.88	6.32	5.38	2.95	1.58
9.90V	107	68.3	55.0	31.0	19.3	10.7	7.83	6.28	5.35	2.93	1.58
10.2V	103	65.5	52.9	30.0	18.8	10.6	7.78	6.24	5.31	2.92	1.57
10.5V	98.1	62.6	51.1	29.3	18.4	10.5	7.72	6.19	5.28	2.90	1.56
10.8V	92.6	59.1	48.4	28.2	17.8	10.2	7.49	6.01	5.12	2.84	1.53

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