

6V 4.2AH Sealed Lead Acid Battery

The 'Online' range of sealed lead acid batteries are maintenance free, valve regulated and leak proof ideally suited to all 'standby applications'

There will be no loss in power output over the battery life.

Low self-discharge of about 2-3% per month compared with 20-30% for more common battery systems.

Quality construction with no compromise on materials to ensure a long service life.

Low internal resistance means a high discharge rate.

Wide operating temperature range operating between -15° C to +50 ° C when fully charged.



Product Specification

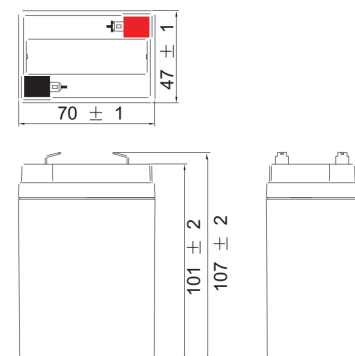
General Specification

Nominal Voltage		6V
Rated Cap		4.2AH
Approx Weight		0.70kg
Terminal	Standard	F1-TAB 187E
	Optional	
Operation Temperature	Charge	0°C (32°F) - 40°C (104°F)
	Discharge	-20°C (-4°F) - 50°C (122°F)
	Storage	-20°C (-4°F) - 40°C (104°F)
Capacity 25° (77°F)	20 hour rate (0.165A)	4.2AH
	10 hour rate (0.297A)	3.78AH
	5 hour rate (0.528A)	3.36AH
	1 hour rate (1.98A)	2.52AH
Capacity affected by temperature	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
	-15°C (5°F)	65%
Self-Discharge at 25°C (77°F) (Before recharge)	Capacity after 3 month	91%
	Capacity after 6 month	82%
	Capacity after 12 month	64%
Constant voltage charge	Cycle	Initial Charging Current ≤ 1.2A 7.2V - 7.5V at 25°C (77°F)
	Standby	6.8V - 6.9V at 25°C (77°F)
Max discharge current for 5 secretary		63A

Applications

- Lighting Equipment
- Emergency Lighting
- Toys & Consumer Electronics
- Fire Alarm & Security Systems
- Electric Equipment and Telemeter Equipment
- Portable Power Tools, Measuring and Medical Equipment

Dimensions



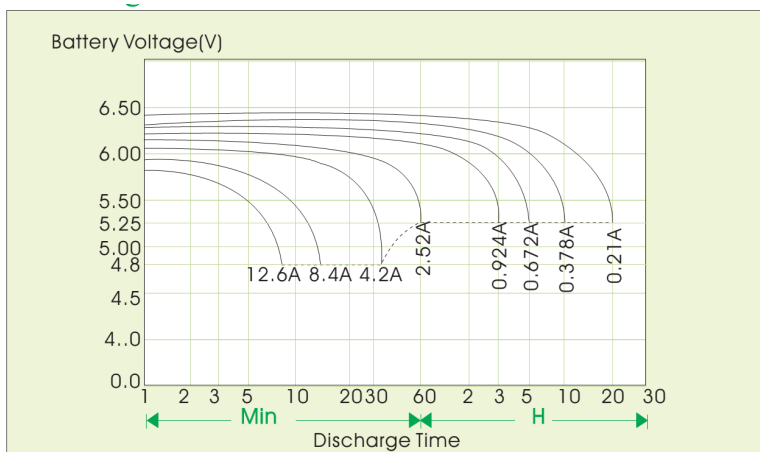
Order Code

LY11-034-19

Specifications

Final voltage	Time (mm)	Time (mm)									
		5	10	15	20	30	60	120	180	300	600
1.80VP C	A	12.158	7.956	5.353	4.473	3.453	2.112	1.265	0.856	0.603	0.331
	W	51.219	38.630	29.168	25.894	19.999	12.380	7.501	5.449	3.580	2.151
1.75VP C	A	12.734	8.673	5.586	4.690	3.729	2.520	1.314	0.924	0.672	0.378
	W	53.450	40.486	32.164	27.099	20.732	13.121	7.775	5.654	3.716	2.166
1.70VP C	A	13.257	9.867	5.847	4.935	3.800	2.302	1.390	1.015	0.662	0.364
	W	56.446	41.431	33.418	28.125	21.399	13.349	7.980	5.825	3.819	2.177
1.65VP C	A	13.957	10.257	8.167	5.065	3.876	2.329	1.392	1.014	0.663	0.365
	W	59.085	42.636	33.646	28.809	21.595	13.520	8.071	5.871	3.863	2.182
1.60VP C	A	14.568	10.483	8.400	5.207	4.251	2.367	1.418	0.919	0.673	0.372
	W	60.159	43.385	34.281	28.647	21.823	13.612	8.128	5.905	3.887	2.182

Discharge Characteristics



Note: Discharge shall be cut-off at 5.25V if discharge at <math><1C_A</math> and at 4.8V if at