6V 12AH 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

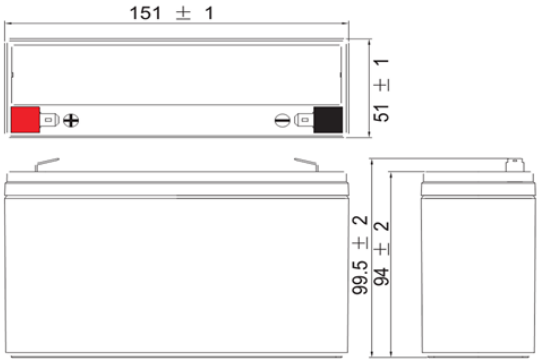
General Specification

Nominal Voltage		6V	
Rated Cap		10AH	
Approx Weight		1.64kg	
Terminal	**Standard**	F1-TAB 187E	
	Optional	F2-TAB 250A	
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 (0.5A)	12AH
		10 hour rate (0.9A)	10.8AH
		5 hour rate (1.6A)	9.6AH
		1 hour rate (1.98A)	7.2AH
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 25ºC (77ºF) (Before recharge)		Capacity after 3 month	91%
		Capacity after 6 month	82%
		Capacity after 12 month	64%
Constant voltage charge	**Cycle**	Initial Charging Current ≤3.6A 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		180A	

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

LY11-039-24

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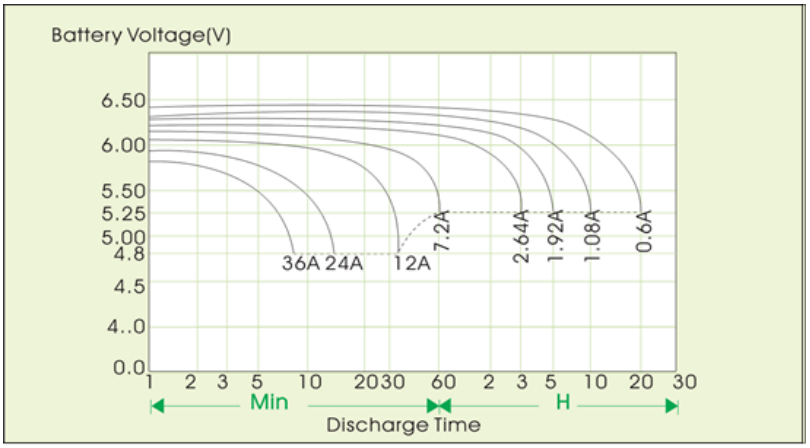
www.lynteck.co.uk Tel: **01282 717 490** Fax: **01282 698 020** Technical Support (Mon-Fri 9am-5pm): **0906 711 2329** (calls charged at 50p per minute)
Company policy is one of continuous improvement, we reserve the right to change specification without prior notice

Specifications

Final voltage	Time (mm)	5	10	15	20	30	60	120	180	300	600
1.80VPC	A	29.263	26.548	20.986	14.126	10.903	6.669	3.994	2.451	1.903	1.046
	W	161.743	121.989	92.109	81.771	63.154	39.096	23.688	17.208	11.304	6.794
1.75VPC	A	30.771	27.589	21.973	14.811	11.777	7.200	4.149	2.640	1.920	1.080
	W	168.789	127.851	101.571	85.577	65.469	41.436	24.552	17.856	11.736	6.840
1.70VPC	A	33.326	28.483	22.853	15.583	12.000	7.269	4.389	3.206	2.091	1.149
	W	178.251	130.834	105.531	88.817	67.577	42.156	25.200	18.396	12.060	6.876
1.65VPC	A	35.297	29.867	23.527	15.994	12.240	7.354	4.395	3.201	2.095	1.154
	W	186.583	134.640	106.251	90.977	68.194	42.696	25.488	18.540	12.199	6.891
1.60VPC	A	37.509	30.576	24.000	16.442	12.634	7.474	4.478	2.901	2.124	1.176
	W	189.977	137.006	108.257	90.463	68.914	42.984	25.668	18.648	12.276	6.891

Discharge Characteristics



Note: Discharge shall be cut-off at 5.25V if discharge at <1C_A and at 4.8V if at ≥1C_A It is recommended to recharge battery by constant-voltage charge immediately after use.