6V 10AH 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

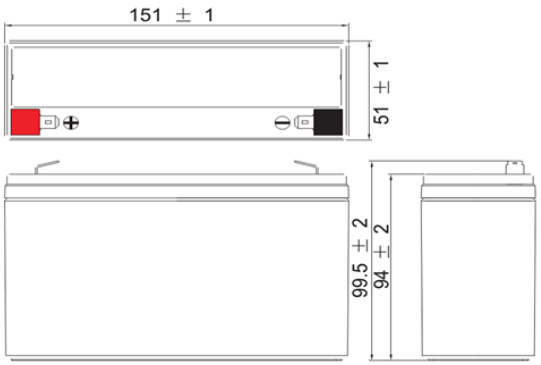
General Specification

Nominal Voltage		6V	
Rated Cap		10AH	
Approx Weight		1.64kg	
Terminal	**Standard**	F1-TAB 187E	
	Optional		
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)	10AH
		10 hour rate (0.9A)	9AH
		5 hour rate (1.6A)	8AH
		1 hour rate (6A)	6AH
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	91%
		Capacity after 6 month	82%
		Capacity after 12 month	82%
Constant voltage charge	**Cycle**	Initial Charging Current ≤3A 7.2V - 7.5V at 25°C (77°F)	
	Standby	6.8V - 6.9V at 25°C (77°F)	
Max discharge current		150A	

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

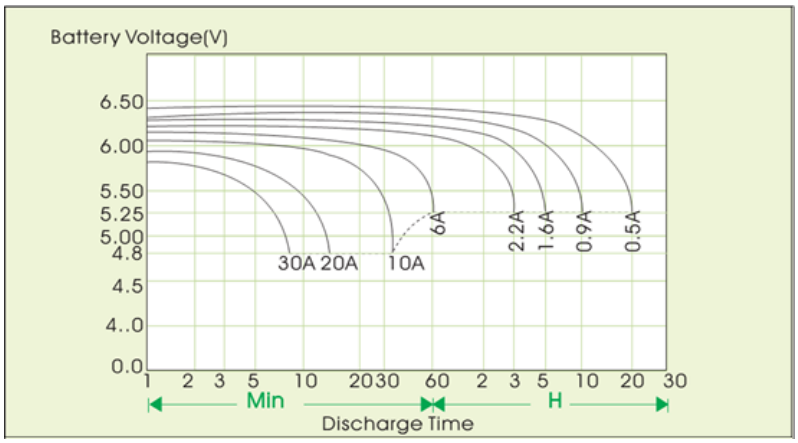
LY11-038-23

Churchill Way, Nelson, Lancashire BB9 6RT Email: **sales@lynteck.co.uk**
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	24.386	21.843	17.568	11.771	9.086	5.557	3.329	2.150	1.586	0.871
	W	134.786	101.657	76.757	68.143	52.629	32.580	19.740	14.340	9.420	5.661
1.75VPC	A	25.643	22.542	18.246	12.343	9.814	6.000	3.457	2.200	1.600	0.900
	W	140.657	106.543	84.643	71.314	54.557	34.530	20.460	14.880	9.780	5.700
1.70VPC	A	27.771	23.965	18.953	12.986	10.000	6.057	3.657	2.250	1.620	0.925
	W	148.543	109.029	87.943	74.014	56.314	35.130	21.000	15.330	10.050	5.743
1.65VPC	A	29.414	24.598	19.438	13.329	10.200	6.129	3.663	2.310	1.643	0.943
	W	155.486	112.200	88.543	75.814	56.829	35.580	21.240	15.450	10.166	5.743
1.60VPC	A	31.257	25.324	20.000	13.701	10.529	6.229	3.731	2.417	1.665	0.961
	W	158.314	114.171	90.214	75.386	57.429	35.820	21.390	15.540	10.230	5.743

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.