



POWER SUPPLY SEALED LEAD-ACID BATTERY



EL-B125
SEALED LEAD-ACID BATTERIES

FEATURES

- High Reliability
- Guaranteed capacity
- Sealed Construction and Maintenance-free
- Environment friendly
- Low Pressure Venting System
- Low Self Discharge
- V0 Class Flame Retardant ABS Plastic Case

DESCRIPTION

Technoswitch supplies a number of general purpose rechargeable 12 V sealed lead acid batteries with capacities ranging from 1.2Ah to 17 Ah. All are maintenance free, providing up to 5 years' lifespan in float service operation (minimal deep discharge).

APPLICATION

Ideal for standby and light cyclic applications including Fire and Security systems, Emergency Lighting and UPS





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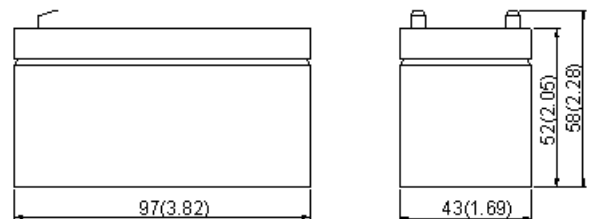
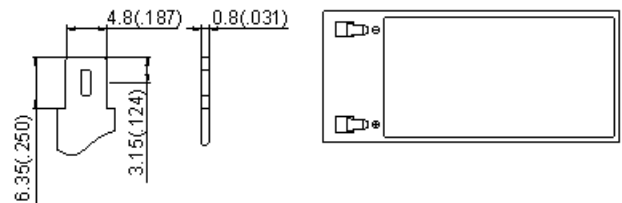


SPECIFICATIONS

Nominal Voltage	12 V
Rated Capacity @ 25 °C (20 Hours)	1.2Ah
Dimensions: L x W x H	97 x 43 x 52 mm
Total Height	58 mm
Weight (Approximate)	0.56 kg
Terminal	T1

CHARACTERISTICS

Capacity @ 25 °C	
20 Hours (0.060 A)	1.20 Ah
10 Hours (0.122 A)	1.12 Ah
5 Hours (0.204 A)	1.02 Ah
1 Hour (0.732 A)	0.73 Ah
15 Minute Rate (2.22 A)	0.56 Ah
Internal Resistance	
Full Charged Battery @ 25 °C	± 85 mΩ
Temperature Dependence of Capacity (20 Hours)	
40 °C	102%
25 °C	100%
0 °C	85%
-15 °C	65%
Self-Discharge @ 20 °C	
Capacity After	
3 months	90%
6 months	80%
12 months	60%
Maximum Discharge Current @ 25 °C	
	18 A (5s)
Floating Design Life @ 25 °C	
	5 years
Constant Voltage Charge @ 25 °C	
Cycle	14.5~14.9 V (-24mV/°C)
Maximum Current	0.36 A
Float	13.6~13.8 V (-18mV/°C)



ORDERING INFORMATION

Product Code	Product Description
EL-B121	12 V DC 7.5Ah Battery
EL-B122	12 V DC 12Ah Battery
EL-B123	12 V DC 17Ah Battery
EL-B125	12 V DC 1.2Ah Battery
EL-B126	12 V DC 3.2Ah Battery

DISCLAIMER: Although the contents of our product literature have been prepared with the greatest care, Technoswitch can accept no liability whatsoever for any direct or indirect damages of any kind that may arise due to either errors or omissions in them, or amendments to products or other specifications following publication.



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Document: DSEL-B125 200507 E & OE