



# POWER SUPPLY SEALED LEAD-ACID BATTERY



**EL-B126**  
**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 17Ah. 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



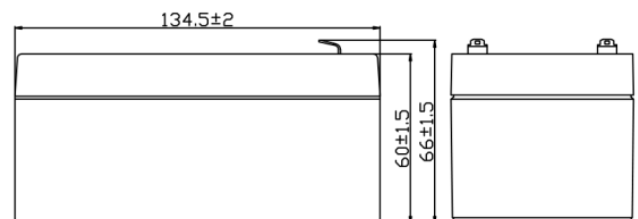
# POWER SUPPLY SEALED LEAD-ACID BATTERY

## SPECIFICATIONS

Nominal Voltage	12 V
Rated Capacity @ 25 °C (20 Hours)	3.2 Ah
Dimensions: L x W x H	134.5 x 68 x 60 mm
Total Height	66 mm
Weight (Approximate)	1.3 kg
Terminal	T1-A

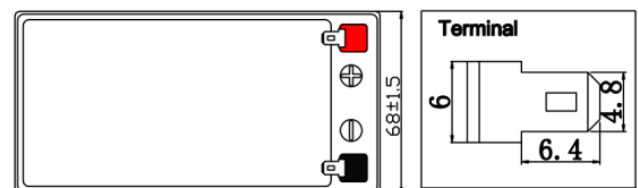
## CHARACTERISTICS

Capacity @ 25 °C	
20 Hours (0.160 A)	3.20 Ah
10 Hours (0.298 A)	2.98 Ah
5 Hours (0.544 A)	2.72 Ah
1 Hour (1.952 A)	1.95 Ah
15 Minute Rate (5.92 A)	1.48 Ah
Internal Resistance	
Full Charged Battery @ 25 °C	$\pm 45 \text{ m}\Omega$
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	48 A (5 s)
Floating Design Life @ 25 °C	5 years
Constant Voltage Charge @ 25 °C	
Cycle	14.5~14.9 V (-24mV/°C)
Maximum Current	0.96 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



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