



POWER SUPPLY SEALED LEAD-ACID BATTERY



EL-B122
SEALED LEAD-ACID BATTERIES

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

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





POWER SUPPLY SEALED LEAD-ACID BATTERY

SPECIFICATIONS

| | |
|-----------------------------------|------------------|
| Nominal Voltage | 12 V |
| Rated Capacity @ 25 °C (20 Hours) | 12.0Ah |
| Dimensions: L x W x H | 151 x 98 x 95 mm |
| Total Height | 101 mm |
| Weight (Approximate) | 3.4 kg |
| Terminal | T1 / T2 |

CHARACTERISTICS

| | |
|-------------------------|---------|
| Capacity @ 25 °C | |
| 20 Hours (0.60 A) | 12.00Ah |
| 10 Hours (1.12 A) | 11.2Ah |
| 5 Hours (2.04 A) | 10.2Ah |
| 1 Hour (7.32 A) | 7.32Ah |
| 15 Minute Rate (22.2 A) | 5.6Ah |

| | |
|------------------------------|--------|
| Internal Resistance | |
| Full Charged Battery @ 25 °C | ± 18mΩ |

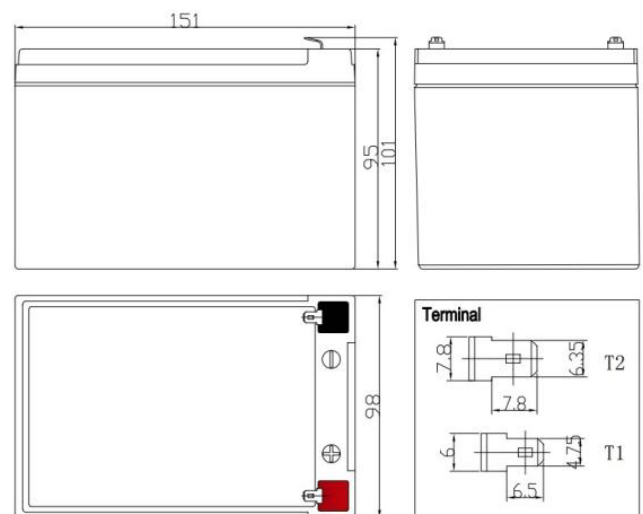
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|---|-------|
| Temperature Dependence of Capacity (20 Hours) | |
| 40 °C | 102 % |
| 25 °C | 100 % |
| 0 °C | 85 % |
| -15 °C | 65 % |

| | |
|------------------------|------|
| Self-Discharge @ 20 °C | |
| Capacity After | |
| 3 months | 90 % |
| 6 months | 80 % |
| 12 months | 60 % |

| | |
|-----------------------------------|------------|
| Maximum Discharge Current @ 25 °C | 180A (5 s) |
|-----------------------------------|------------|

| | |
|------------------------------|---------|
| Floating Design Life @ 25 °C | 5 years |
|------------------------------|---------|

| | |
|---------------------------------|------------------------|
| Constant Voltage Charge @ 25 °C | |
| Cycle | 14.5~14.9 V (-24mV/°C) |
| Maximum Current | 3.6A |
| 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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