Primary lithium batteries  
ER34615  D  3.6V 19Ah  

3.6V Primary lithium-thionyl chloride  
(Li-SOCl2) Energy type  
D-size bobbin cell  

- For low drain / long term operating  
- applications requesting superior  
- voltage response in -55°C~+85°C  
- environments.  

**Cell size references**  
**UM1 - R20 - D**  

### Alternative models  
LS33600/LS33600/C/TL-4930/TL-2300/TL-5930/SB-D01/SB-D02/SL-7  

### Electrical characteristics  
(typical values relative to cells stored for one year or less at +30°C max.)  
Nominal capacity  
(at 3 mA +20°C 2.0V cut off. The capacity restored by the cell varies  
according to current drain, temperature and cut off.)  
19Ah  
Open circuit voltage (at +20°C)  
3.66V  
Nominal voltage  
(at 3mA +20°C)  
3.6V  
Pulse capability: Typically up to 400 mA (400 mA/0.1 second pulses  
drained every 2 min at +20°C from undischarged cells with 10 μA base  
current, yield voltage readings above 3.0V. The readings may vary according  
to the pulse characteristics, the temperature, and the cell’s previous history.  
Fitting the cell with a capacitor may be recommended in severe conditions.  

| Max. Continuous current | 200mA  
| Max. Pulse current | 400mA  
| Storage (recommended) | +30°C (+86°F) max  
| (for more severe conditions, consult AA Portable Power Corp) |  
| Operating temperature range | -55°C / +55°C  
| (Operation above ambient T may lead to reduced capacity and  
lower voltage readings at the beginning of pulses) | -76°F / +131°F  

### Physical characteristics  
Diameter (max)  
34.2mm (1.34 in)  
Height (max)  
61.5mm (2.44 in)  
Typical weight  
106g (3  

Web: [http://www.batteryspace.com](http://www.batteryspace.com)  
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Unit: mm

Key features:
- High and stable operating voltage
- Superior drain capability
- Low self-discharge rate (less than 1% after 1 year of storage at +20°C)
- Optional stainless steel container for low magnetic and nickel plated steel container for more safe design
- Hermetic glass-to-metal sealing
- Notch technology for safety vent is recommended
- Non-flammable electrolyte

Main applications:
- Radiocommunication and other military applications
- Alarms and security systems
- Beacons and emergency location transmitters
- GPS
- Metering systems
- Solar systems
- LED lighting applications
- Others

Storage:
- The storage area should be clean, cool (not exceeding +30°C), dry and ventilated.

Warning:
- Do not use if the battery casing was mangled.
- Please discharge the battery few minutes with 100mA, if the battery voltage is lower than your need.
- Don't use different models of battery in series.
- Soldering the tags should be finished in few seconds.
- Do not try to recharge.

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