

# MODEL TL-6526

International size refs: "C"

## TADIRAN LITHIUM BATTERIES

### CONSTRUCTION:

- Less than 1" diameter!
- Bobbin type construction
- Hermetic Glass-to-Metal sealed
- 304L stainless steel case

### TESTS

#### PERFORMED:

#### Dynamic

- Random Vibration:*  
5 - 1000 Hz, 25G (rms)  
Total 10 hours in each direction.
- Mechanical Shock:*  
1000G, 1/2 sine for 1 msec  
Total 10 shocks per axis.

#### Safety

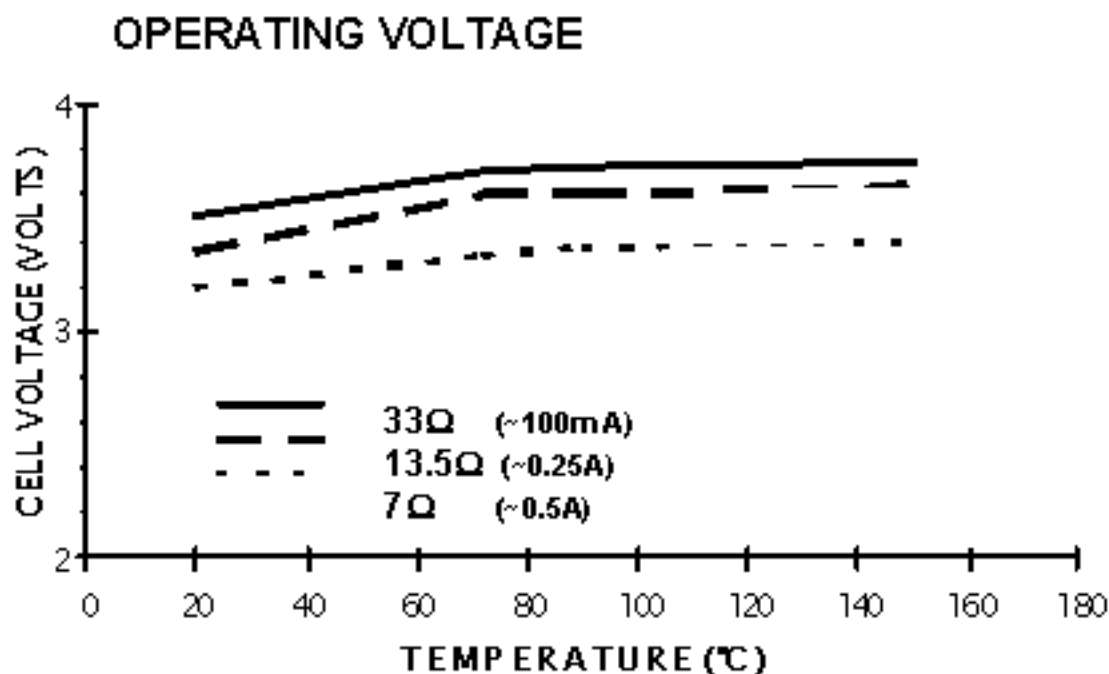
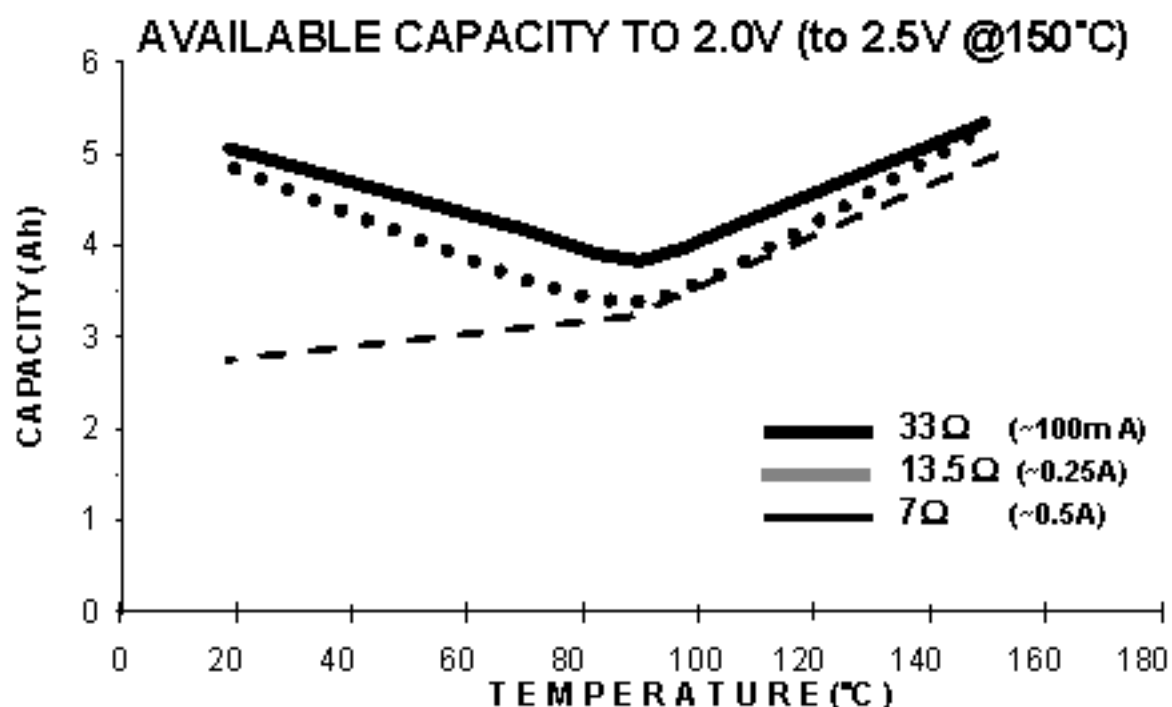
- Short circuit at RT and 55°C
- Nail
- Crush

### QUALITY

#### ASSURANCE:

- ISO 9001
- MIL-Q-9858A

### Preliminary



## HIGH TEMPERATURE- HIGH POWER

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September 1999

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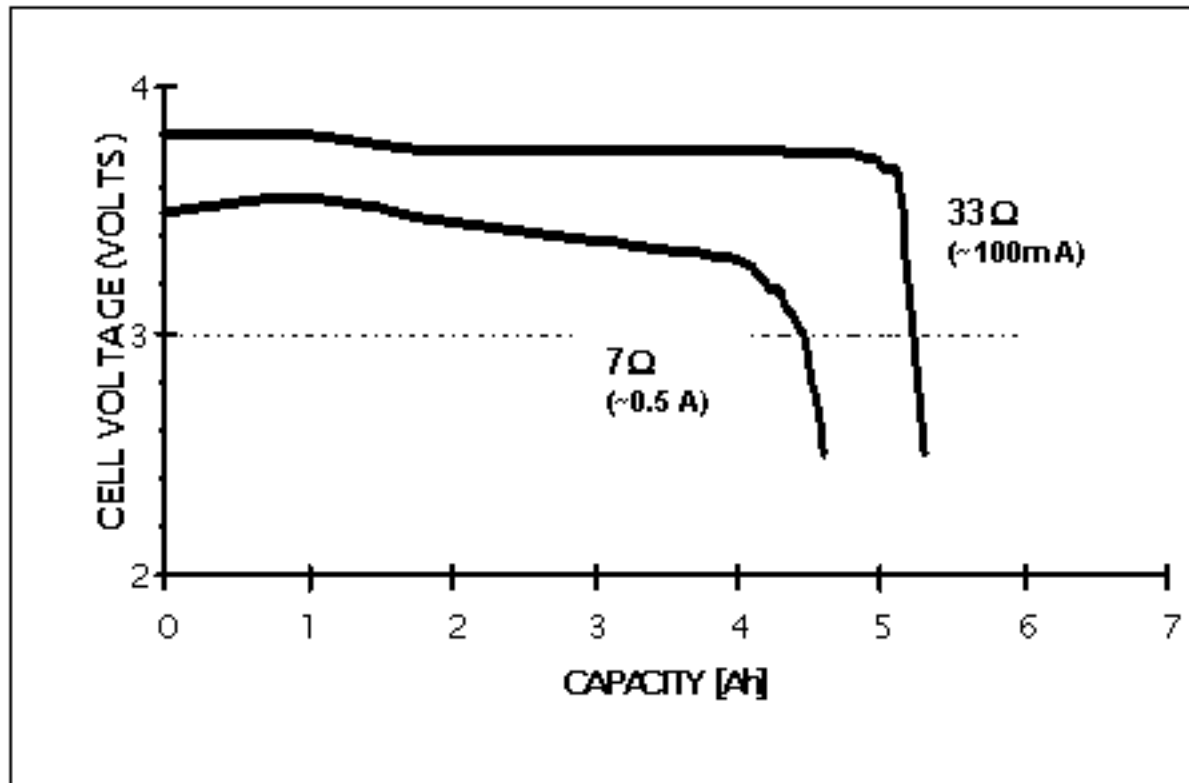
International size refs: c

PERFORMANCE DATA: (@ 150°C)  
(Typical values for 6 months old cells)

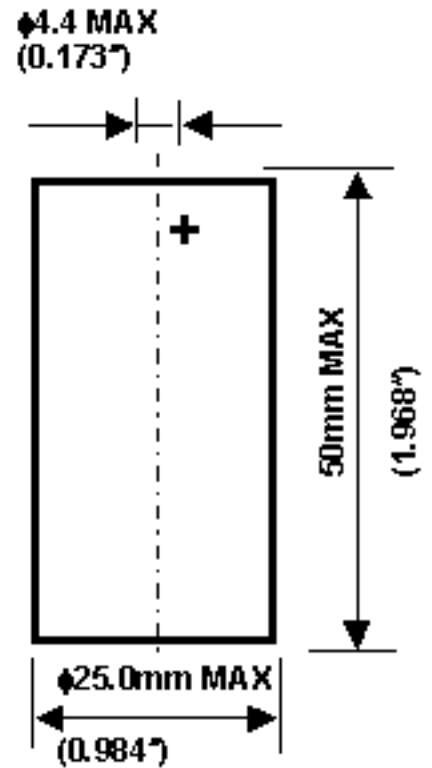
■ NOMINAL CAPACITY (@ 100mA TO 2.5V)	5.0 Ah
■ OPEN CIRCUIT VOLTAGE .....	3.9 V
■ NOMINAL VOLTAGE (@ 100 mA) .....	3.75 V
■ MAXIMUM CONTINUOUS CURRENT----	0.5 A
■ MAXIMUM PULSE CURRENT .....	0.6 A
■ WEIGHT .....	50 gr. (1.76oz.)
■ VOLUME .....	24.4 cm <sup>3</sup> (0.96 in <sup>3</sup> )
■ OPERATING TEMPERATURE .....	-20°C to +150°C

# TADIRAN LITHIUM BATTERIES

## DISCHARGE CHARACTERISTICS @ 150°C



- ◆ Downhole Pressure Measurement
- ◆ Directional Survey Measurement
- ◆ Measurement While Drilling (MWD)
- ◆ Geothermal Applications



## ORDERING INFORMATION:

MODEL TL-6526/S  
PRESSURE CONTACT TERMINALS

**CATALOG #:15-65262-1000**

**WARNING:** THIS BATTERY SHOULD BE USED ONLY FOR APPLICATIONS IN THE OIL & GAS INDUSTRY. USAGE OF THIS BATTERY FOR OTHER APPLICATIONS IS TOTALLY FORBIDDEN.

NOTES:  
 ■ DIMENSIONS ARE IN MM AND (INCHES)  
 ■ SPECIAL TERMINALS OR MULTICELL BATTERIES ARE AVAILABLE ON REQUEST.

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