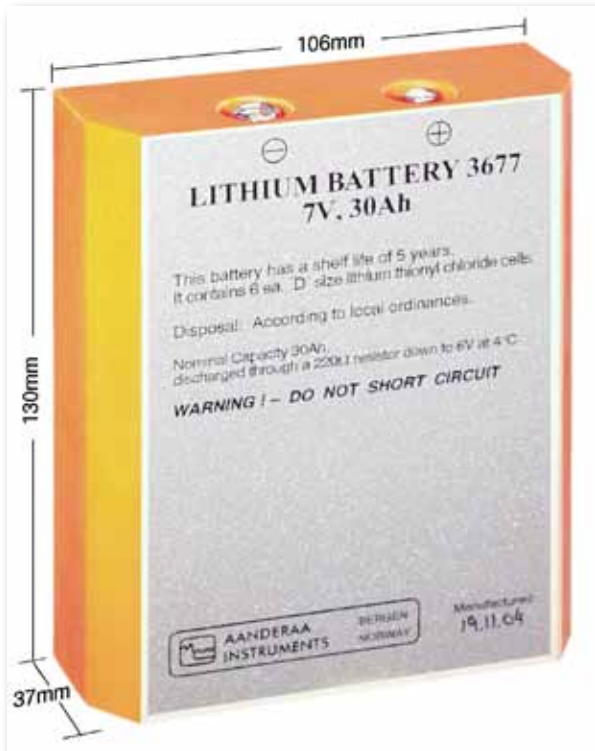


*All batteries are designed for longevity to secure data measured by our oceanographical and meteorological instruments and systems.*

## BATTERY 3677, LITHIUM 7V/30AH



*This battery has been designed for use in RCM 9 and RCM 11; WTR 9. It contains six lithium thionyl chloride D-size cells in two rows of three and diodes.*

Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR LITHIUM BATTERY 3677:

<b>Open circuit voltage:</b>	7.33V
<b>Closed circuit voltage</b>	
<b>(on 60Ω after 6s at 20°C):</b>	6.7V up to 12 months after manufacture
<b>Weight:</b>	840g (29.6oz)
<b>Nominal capacity 220Ω</b>	
<b>down to 6.0V at (4 ±1)°C:</b>	30Ah
<b>Recom. storage conditions:</b>	-20 to +30°C, <50%RH
<b>Shelf Life:</b>	5 years in recommended storage conditions
<b>Typical self-discharge rate:</b>	Less than 3% per annum storage at +20°C
<b>Maximum advisable</b>	
<b>constant current:</b>	1800mA
<b>Maximum pulse current:</b>	4500mA

## BATTERY 3770, LITHIUM 7.8V/14AH



*This nonmagnetic lithium battery is designed for use in our Doppler Current Meter DCM 12.*

It contains two BCX 85 D-LMS cells lithium thionyl chloride D-size cells. Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR LITHIUM BATTERY 3770:

<b>Open circuit voltage(25°C):</b>	7.8V
<b>Rated Discharge Current:</b>	175mA
<b>Capacity:</b>	10 to 14Ah depending on load
<b>Max. continuous current:</b>	1.0A
<b>Weight:</b>	400g (14oz)
<b>Lithium Weight:</b>	9.2g
<b>Safety Fuse:</b>	4.0A
<b>Operating Temperature:</b>	-55 to +85°C (-67 to +185°F)
<b>Self-discharge rate:</b>	3% per year storage at +25°C

*Self discharge will be higher at colder and lower at elevated temperatures*

# Battery Range

D356 - April 2009

## BATTERY 3382, LITHIUM 7.2V/14Ah NONMAGNETIC, HIGH CAPACITY



This nonmagnetic lithium battery is designed for use in our WLR 7, WLR 8, DL 7 (CTR 7), TR 7 and TR 8.

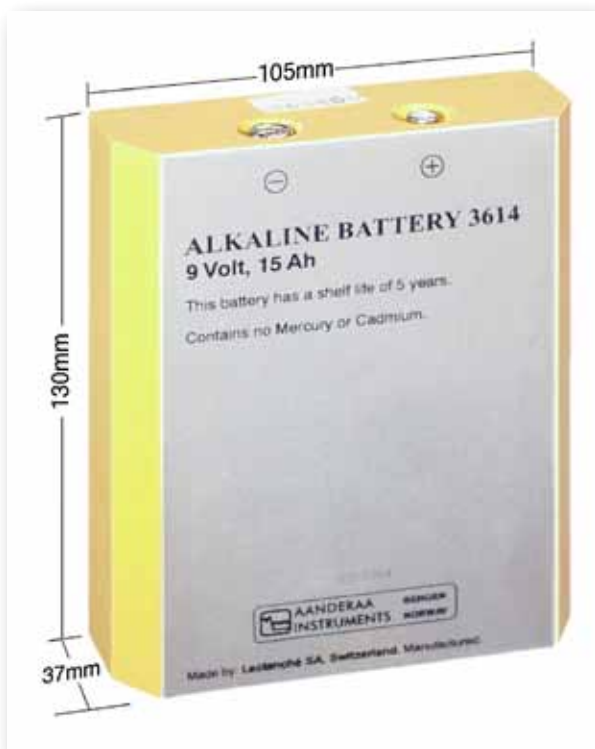
It contains two LS 33600LM cells primary lithium thionyl chloride D-size cells.

Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR LITHIUM BATTERY 3382:

<b>Open circuit voltage:</b>	7.34V
<b>Closed circuit voltage</b>	
<b>(on 60Ω after 6s at +20°C):</b>	5.8V up to 12 months after cell manufacture
<b>Weight:</b>	357g (12.6oz)
<b>Nominal capacity 220Ω</b>	
<b>down to 6.0V at (4 ±1)°C:</b>	11Ah
<b>Recom. storage conditions:</b>	-60 to +30°C, <50%RH
<b>Shelf Life:</b>	7 years in the recommended storage conditions
<b>Typical self-discharge rate:</b>	1% per year storage at +20°C in the recommended storage conditions
<b>Maximum advisable constant current:</b>	300mA
<b>Maximum pulse current:</b>	2000mA

## BATTERY 3614, ALKALINE 9V/15AH



This alkaline battery is designed for use in our Recording Current Meters RCM 9, RCM 11 and WTR 9.

It contains six D-size cells in two rows of three.

Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR AKALINE BATTERY 3614:

<b>Nominal voltage:</b>	9V
<b>Closed circuit voltage</b>	
<b>(on 60Ω after 3s at +20°C):</b>	9.0V
<b>Weight:</b>	1000g (35.3oz)
<b>Nominal capacity 220Ω</b>	
<b>down to 6.0V at (4 ±1)°C:</b>	12.5Ah
<b>Recom. storage conditions:</b>	(15 ±10)°C, (40 ±10)% RH
<b>Shelf Life:</b>	5 years in the recommended storage conditions
<b>Typical self-discharge rate:</b>	2.5% per annum in the recommended storage conditions and discharged through 220Ω at (4° ±1)°C
<b>Max. advisable current:</b>	2A

# Battery Range

## BATTERY 3908, LITHIUM 7V/35AH, HIGH PULSE CURRENT



This nonmagnetic lithium battery is designed for use in our in our Recording Doppler Current Profiler RDCP 600 when set to "high pulse". It contains six BCX 85 D-LMS cells lithium thionyl chloride D-size cells and diodes.

Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR LITHIUM BATTERY 3908:

- Open circuit voltage (25°C):** 7.8V
- Capacity:** 35Ah depending on load
- Max. continuous current:** 1.0A
- Weight:** 960g (33.9oz)
- Lithium Weight:** 9.2g (0.325oz)
- Safety Fuse:** 4.0A each cell
- Operating Temperature:** -55 to +85°C (-67 to +185°F)
- Self-discharge rate:** 3% per year storage at +25°C

*Self discharge will be higher at colder and lower at elevated temperatures*

## BATTERY 4002, LITHIUM 7V/30AH, LOW PULSE CURRENT



This nonmagnetic lithium battery is designed for longevity to secure data measured in our Recording Doppler Current Profiler RDCP 600 when set to "low pulse".

It contains six lithium thionyl chloride D-size LS33600LM cells in two rows of three and diodes.

Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR LITHIUM BATTERY 4002:

- Open circuit voltage:** 7.33V
- Capacity:** 30Ah depending on load
- Max. continuous current:** 500mA
- Maximum advisable constant current:** 300mA
- Weight:** 810g (28.6oz)
- Nominal capacity 220Ω down to 6.0V at (4 ±1)°C:** 30Ah
- Recom. storage conditions:** Maximum +30°C, (+86°F)
- Shelf Life:** 7 years in the recommended storage conditions
- Typical self-discharge rate:** Less than 1% per year storage at +20°C
- Operating Temperature:** -60 to +85°C (-76 to +185°F)

# Battery Range

D356 - April 2009

## BATTERY 3988, ALKALINE 9V/15AH WITH DIODE



This alkaline battery is designed for test purposes only with our Recording Doppler Current Profiler RDCP 600. It is magnetic and affects the RDCP's compass.

It contains six alkaline D cells (Zinc-Manganese Dioxide (Zn/MnO<sub>2</sub>, No Added Mercury or Cadmium) and diodes.

Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR BATTERY 3988:

**Open circuit voltage (20°C):** 9V

**Closed circuit voltage (on 60Ω after 3s at +20°C):** 9V

**Nominal capacity 220Ω down to 6.0V at (4 ±1)°C:** 12.5Ah

**Recom. storage conditions:** (15 ±10)°C, (40 ±10)% RH

**Weight:** 1100 gr (38.8oz.)

**Shelf Life:** 5 years (80% of rated capacity)

**Typical self-discharge rate:** 2.5% per annum in the recommended storage conditions and discharged through 220Ω at (4° ±1)°C

**Max. advisable current:** 2A

## BATTERY 4021, 12V/28AH, UNDERWATER RECHARGEABLE



This external sealed lead/acid battery is designed for use with our Recording Doppler Current Profiler RDCP 600.

It contains six lead/acid cells and has a protection cutoff at 10.3V.

Make sure that the battery is correctly fitted, connected and restrained to the instrument it is intended for.

### SPECIFICATIONS FOR BATTERY 4021:

**Open circuit voltage:** 12V

**Capacity:** 28Ah depending on load

**Operating Temperature:** -15 to +40°C (5 to +104°F)

**Weight:** 15.4kg (34lb)

**Advisable Recharge Period:** At least once a year

**Approx. Cyclic Life:** 300 cycles at 100% discharge

**Recom. storage conditions:** Ambient temperature: -15°C to 40°C (5°F to 104°F) preferably below 30°C (86°F)  
Relative humidity: 25 to 85%

**Self Discharge:** Dependent on ambient temperature typically 50% after 15 months at 25°C

**Recom. Charging Temp:** 0°C (32°F) ~ 40°C (104°F)

When disposing of spent batteries do so according to local ordinances.

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

**Warning:** Fire, explosion and severe burn, hazard. Do not recharge, short circuit, crush, disassemble, heat above 100°C (212°F), incinerate, or expose contents to water. **Warning! Do not short circuit any of these batteries (as any built-in fuse will blow)!**