

# Portable Batteries



Rechargeable, fully waterproof and suitable for exterior locations, these 12v lithium polymer batteries are available in a range of sizes including small hand-held units. With a built in fuel gauge, the lightweight batteries are available in 4Ah, 8Ah, 10Ah, 14Ah and 22Ah sizes.

## Durability

**Cycle Life** >300 Cycles

This is based on charging at a standard rate with a discharge from full capacity to 9V at 5A. Rest time of 30 minutes between charge and discharge. Cycle life is classed as when discharge capacity is at 70% of original. Note that the battery still has a useful life after this.

**Self-Discharge** <0.5% per day

We recommend a full charge at least every six months.

## Protection

The battery pack is protected against over charge and discharge, there is also short circuit protection.

## Guarantee

The battery pack and charger are guaranteed against manufacturing defect for 12 months from the date of purchase.

**What's included:** Battery pack, carry case, bullet right angle to 12v socket charger, mains charger and vehicle charger.

## Operating Parameters

- Maximum Peak Current: 20A for 10mS
- Nominal Voltage: 12V
- Discharge Cut-off Voltage: 9V
- Charging Voltage: 12.6V
- Temperature Range (Charging): 0°C to 45°C
- Temperature Range (Discharging): -20°C to 60°C

## Specification

MODEL	BP2541	BP2544	BP2545	BP2546	BP2548
CAPACITY	4Ah +/-5%	8Ah +/-5%	10Ah +/-5%	14Ah +/-5%	22Ah +/-5%
DIMENSIONS (MM)	115 x 76 x 32	153 x 80 x 38	153 x 80 x 48	161 x 115 x 56	161 x 115 x 56
WEIGHT (GRAMS)	360	600	735	950	1250
MAX CONTINUOUS	4Ah	8Ah	10Ah	10Ah	10Ah

