



Applicable Radios:  
PD98X

## Li-ion Battery(2500mAh) BL2509

The BL2509 high-capacity Li-ion battery is designed to combine performance, reliability and various features including the following

- Working at  $-30^{\circ}\text{C}$
- Anti-counterfeiting identification
- Fast charging
- More than 300 cycle times
- IP68 rating

### SPECIFICATIONS

Nominal Capacity	2500 mAh
Nominal Voltage	7.4V
Battery Life (5/5/90 Duty Cycle)	> 18 hours (analog) > 24 hours (digital) (Varies with frequency settings and radio models)
Dimensions (H x W x D)	106.4 mm x 56.3 mm x 22.8 mm
Weight	About 145 g
Operating Temperature	$0^{\circ}\text{C}$ to $45^{\circ}\text{C}$ (charge) $-30^{\circ}\text{C}$ to $60^{\circ}\text{C}$ (discharge)
Storage Temperature	$-20^{\circ}\text{C}$ to $60^{\circ}\text{C}$ (one month) $-20^{\circ}\text{C}$ to $45^{\circ}\text{C}$ (three months) $-20^{\circ}\text{C}$ to $25^{\circ}\text{C}$ (one year)
Cycle Life	300 cycles
IP Rating	IP68

\*All specifications are tested according to applicable standards, and subject to change without notice due to continuous technological development.