



Applicable Radios:
PD71XIS/PD79XIS/PT790Ex

Intrinsically Safe Li-ion Battery(1800mAh) BL1813-Ex

The BL1813-Ex Li-ion battery is designed to comply with ib II C Ex standards and combine anti-counterfeiting performance, reliability and various features including the following

- FM, ATEX, IECEx and CSA standards
- Built in anti-counterfeiting IC chip
- Short-circuit protection
- Overcharge and over discharger protection
- More than 400 cycle times
- IP67 rating

SPECIFICATIONS

Nominal Capacity	1800 mAh
Nominal Voltage	7.4 V
Battery Life (5/5/90 Duty Cycle)	> 15 hours (analog) > 16 hours (digital) (Varies with frequency settings and radio models)
Dimensions (H x W x D)	130.3 mm x 56.8 mm x 20.2 mm
Weight	About 178 g
Operating Temperature	0°C to 45°C (charge) -20°C to 60°C (discharge)
Storage Temperature	-20°C to 60°C (one month) -20°C to 45°C (three months) -20°C to 25°C (one year)
Cycle Life	400 cycles
IP Rating	IP67
Explosion-proof	FM, ATEX, IECEx, CSA, and CQST

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

