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LITHIUM ION RECHARGEABLE BATTERY

CYLINDRICAL LITHIUM-ION BATTERY

- Energy density is high. It attains volumetric energy density of 370Wh/L and gravimetric energy density of 150Wh/kg.
- Voltage is high, with average operating voltage at 3.7V.
- It is approximately three times that of Ni-Cd and Ni-MH rechargeable batteries.
- Charge/discharge cycle characteristics are excellent: batteries may be put through 500 or or more cycles.
- Self-discharge is minimal, at fewer than 10% per month
- There is no memory effect such as those in Ni-Cd and Ni-MH rechargeable batteries.
- Carbon material, rather than metallic lithium or lithium alloy is used as the anode material. The lithium ion state is maintained over a wide range of operating conditions, for excellent safety.
- Working temperature is suitable for a wide range, it can work under such circumstances of -20~60°C.
- Quick charge is available, only 70 minutes can we charge the battery to saturation under the condition of 1CmA.

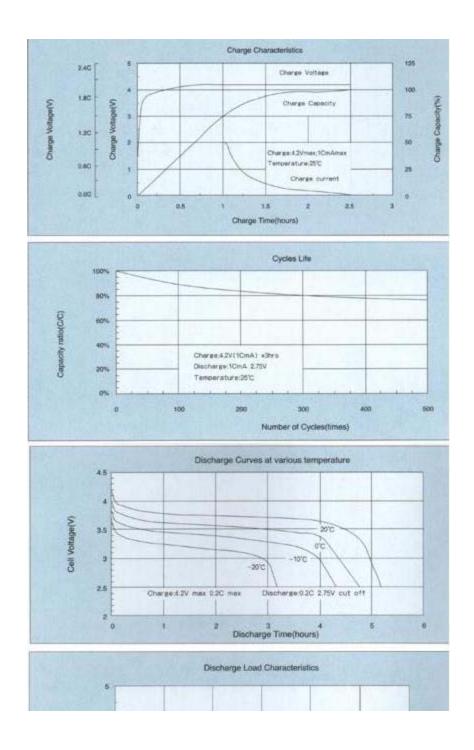


Model Number	Voltage (V)	Capacity (mAh)		Dimension (mm)	Internal Impedance	Weight (g±2.0)	
		Typical	Rate	Φ x L1	(mΩ)		
ICR14430A	3.7	650	600	Ф14.0±0.2 х 42.5±0.5	≤70	19	
ICR14500A	3.7	700	650	Ф14.0±0.2 х 49.5±0.5	≤70	20	
ICR17500A	3.7	950	900	Ф16.4±0.2 х 49.5±0.5	≤60	28	
ICR17670A	3.7	1250	1200	Ф17.0±0.2 х 66.5±0.5	≤60	36	
ICR18500A	3.7	1250	1200	Ф18.0±0.2 х 49.5±0.5	≤60	35	
ICR14640A	3.7	870	850	Ф14.0±0.2 х 63.5±0.5	≤60	26	
ICR18650A	3.7	1850	1800	Ф18.0±0.2 х 64.5±0.5	≤60	44	
ICR18650AH	3.7	2050	2000	Ф18.0±0.2 х 64.5±0.5	≤60	44	
ICR15265A	3.7	380	350	Ф15.0±0.2 x 26.5±0.5	≤180	12	
ICR13480A	3.7	550	500	Ф12.8±0.2 x 47.5±0.5	≤90	17	
ICR14290A	3.7	450	400	Ф14.0±0.2 x 29.0±0.5	≤90	15	

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ICR16340A	3.7	550	500	Ф16.0±0.2 х 33.5±0.5	≤140	16
ICR17650A	3.7	1350	1300	Ф16.7±0.1 x 65.0±0.5	≤70	36

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