

Partnered with **YikLik Energy Limited (YLE)** battery cell manufacturer to successfully produce high-quality Li-ion and Li-polymer cells of LiCoO₂, LiNMC, LiFePO₄ chemistries which are now being used in the making of battery packs for eBike, eMotorcycle, Electric Wheelchair, Electric Golf Cart, Car Starter Battery, UPS System, Lighting, Household Appliance, Remote Control Toys, and many others.



Specifications

Brand		YLE					
Model		INR18650D150	INR18650A220	INR18650A245	INR18650A260	ICR18650D210	ICR18650A280
Chemistry		Li-NMC	Li-NMC	Li-NMC	Li-NMC	Li-Co	Li-Co
Nominal Voltage		3.6V	3.6V	3.6V	3.6V	3.7V	3.7V
Minimum Capacity		1400 mAh	2100 mAh	2400 mAh	2530 mAh	2000 mAh	2700 mAh
Typical Capacity		1500 mAh	2200 mAh	2450 mAh	2600 mAh	2100 mAh	2800 mAh
Internal Impedance		≤ 30 mΩ	≤ 65 mΩ	≤ 60 mΩ	≤ 60 mΩ	≤ 35 mΩ	≤ 65 mΩ
Charge	Method	CC/CV *	CC/CV *	CC/CV *	CC/CV *	CC/CV *	CC/CV *
	Voltage	4.2V	4.2V	4.2V	4.2V	4.2V	4.2V
	Standard Current	0.3A	0.44A	0.49A	0.52A	0.42A	0.56A
	Rapid Current	1.5A	1.76A	1.7A	1.8A	2.1A	2.24A
Discharge	Cut-off Voltage	3.0V	3.0V	3.0V	2.75V	3.0V	2.75V
	Continuous Current	15A	4.4A	4.9A	5.2A	10A	5.6A
	Pulse Current (5 sec.)	30A	6.6A	7.3A	7.8A	20A	8.4A
Dimensions	Diameter	Ø18.3 mm	Ø18.3 mm	Ø18.3 mm	Ø18.3 mm	Ø18.3 mm	Ø18.3 mm
	Height	65.2 mm	65.2 mm	65.2 mm	65.2 mm	65.2 mm	65.2 mm
Approx. Weight		43g	44g	47g	49g	43g	47g

* CV/CC = Constant Voltage & Constant Current