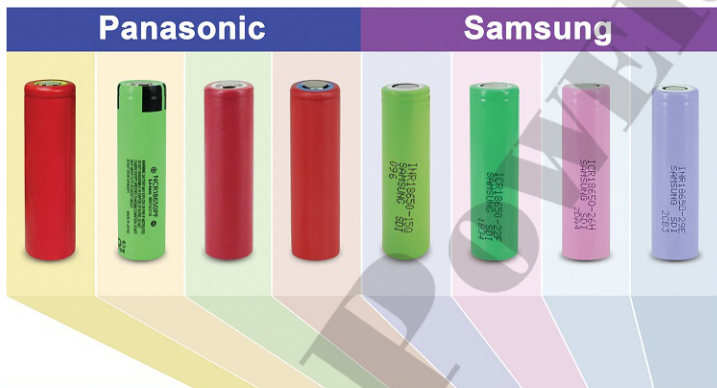




BATTERY CELLS



APAN and KOREA Cells



Brand		Panasonic	Panasonic	Panasonic	Panasonic	Samsung	Samsung	Samsung	Samsung
Model		UR18650AA	NCR18650PF	NCR18650BL	NCR18650GA	INR18650-15Q	ICR18650-22F	ICR18650-26H	INR18650-29E
Chemistry		Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion
Nominal Voltage		3.6V	3.6V	3.6V	3.6V	3.6V	3.6V	3.7V	3.7V
Minimum Rate		2150mAh	2750mAh	3250mAh	3350mAh	1450mAh	2100mAh	2550mAh	2750mAh
Typical Rate		2250mAh	2900mAh	3350mAh	3450mAh	1500mAh	2200mAh	2600mAh	2850mAh
Internal Impedance		≤ 100mΩ	≤ 35mΩ	≤ 50mΩ	≤ 38mΩ	≤ 30mΩ	≤ 100mΩ	≤ 100mΩ	≤ 100mΩ
Charge	Method	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*
	Voltage	4.2V	4.2V	4.2V	4.2V	4.2V	4.2V	4.2V	4.2V
	Standard Current	1.50A	1.35A	1.62A	1.67A	0.75A	1.1A	1.3A	1.37A
	Rapid Current	2.15A	1.35A	3.4A	1.67A	4A	2.2A	2.8A	2.75A
Discharge**	Cut-off Voltage	2.75V	2.5V	2.5V	2.5V	2.5V	2.75V	2.75V	2.5V
	Constant Current	5A	10A	10A	10A	18A	4.4A	5.2A	8.25A
Dimensions	Diameter	Ø18.3 mm	Ø18.6mm	Ø18.5 mm	Ø18.5 mm	Ø18.15mm	Ø18.4mm	Ø18.4mm	Ø18.4 mm
	Heigh	64.9mm	65.2mm	65.3mm	65.1mm	64.6mm	65mm	65mm	65mm
Approx. Weight		42.2g	44.5g	47.5g	49.5g	43g	44.5g	45g	45g

* CC/CV = Constant Current/Constant Voltage

** Maximum discharge current value is subject to change. Please refer to the respective specification sheet of different products for the most updated details.

We are the Authorized Assembler of **Panasonic** and **Samsung** on high power Li consumption battery packs.



YLE



YLE	YLE	YLE	YLE	YLE	YLE	YLE	YLE	Brand
INR18650D150	INR18650D220	INR18650A205	INR18650A220	INR18650A250	INR18650A280	INR18650A280	ICR18650A310	Model
Li-NMC	Li-NMC	Li-NMC	Li-NMC	Li-NMC	Li-NMC	Li-NMC	Li-Co	Chemistry
3.6V	3.6V	3.6V	3.6V	3.6V	3.6V	3.6V	3.8V	Nominal Voltage
1450mAh	2150mAh	2000mAh	2150mAh	2480mAh	2530mAh	2700mAh	2980mAh	Minimum Rate
1500mAh	2200mAh	2050mAh	2200mAh	2530mAh	2600mAh	2800mAh	3100mAh	Typical Rate
≤ 18mΩ	≤ 25mΩ	≤ 48mΩ	≤ 48mΩ	≤ 48mΩ	≤ 55mΩ	≤ 55mΩ	≤ 48mΩ	Internal Impedance
CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	Method
4.25V	4.25V	4.25V	4.25V	4.25V	4.25V	4.25V	4.4V	Voltage
0.3A	0.44A	0.41A	0.44A	0.5A	0.52A	0.56A	0.62A	Standard Current
4.5A	1.54A	2.05A	1.54A	1.75A	1.3A	1.96A	1.55A	Rapid Current
2.75V	2.75V	2.75V	2.75V	2.75V	2.75V	2.75V	2.75V	Cut-off Voltage
30A	11A	6A	6.2A	7A	5.2A	5.6A	6.2A	Constant Current
Ø18.5 mm	Ø18.4 mm	Ø18.4 mm	Ø18.4 mm	Ø18.4 mm	Ø18.4mm	Ø18.4 mm	Ø18.4 mm	Diameter
65.2mm	65.2mm	65.2mm	65.2mm	65.2mm	65.2mm	65.2mm	65.2mm	Height
43g	43g	41g	43g	44g	49g	49g	50g	Approx. Weight

* CC/CV = Constant Current/Constant Voltage

** Maximum discharge current value is subject to change. Please refer to the respective specification sheet of different products for the most updated details.

Partnered with **YikLik Energy Limited (YLE)**, battery cell manufacturer, we have successfully produced high-quality Li-ion and Li-polymer cells of LiCoO₂, LiNMC, LiFePO₄ chemistries. They are now being used in the making of battery packs for eBikes, eMotorcycles, Electric Wheelchairs, Electric Golf Carts, Car Starter Batteries, UPS Systems, Lightings, Household Appliances, Remote Control Toys, and many others.



i-Fe Series Highly Reliable Battery Cells

YLE



YLE	YLE	YLE	YLE	YLE	YLE	YLE	Brand
IFR18650D110	IFR26650A320	IFP335774S900	IFP267194S1000	IFP287194S1300	IFP337194S1200	IFP337194S1500	Model
Li-Fe	Li-Fe	Li-Fe	Li-Fe	Li-Fe	Li-Fe	Li-Fe	Chemistry
3.2V	3.2V	3.2V	3.2V	3.2V	3.2V	3.2V	Nominal Voltage
1000mAh	3100mAh	8500mAh	9500mAh	12000mAh	11000mAh	14000mAh	Minimum Rate
1100mAh	3200mAh	9000mAh	10000mAh	13000mAh	12000mAh	15000mAh	Typical Rate
≤ 23mΩ	≤ 30mΩ	≤ 10mΩ	≤ 10mΩ	≤ 10mΩ	≤ 12mΩ	≤ 10mΩ	Internal Impedance
CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	CV/CC*	Method
3.7V	3.9V	3.9V	3.9V	3.9V	3.9V	3.9V	Voltage
0.22A	0.64A	1.6A	2A	2.6A	2.4A	3A	Standard Current
3.3A	3.2A	8A	10A	13A	12A	15A	Rapid Current
2.0V	2.0V	2.0V	2.0V	2.0V	2.0V	2.0V	Cut-off Voltage
16.5A	16A	24A	50A	39A	60A	45A	Constant Current
/	/	33 mm	28 mm	28 mm	33 mm	33 mm	Height
Ø18.5 mm	Ø26.3 mm	57 mm	71 mm	71 mm	71 mm	71 mm	Width
65.3 mm	65.2mm	74mm	94 mm	94 mm	94 mm	94mm	Length
42g	85g	350g	400g	410g	460g	480g	Approx. Weight

* CV/CC = Constant Current/Constant Voltage

** Maximum discharge current value is subject to change. Please refer to the respective specification sheet of different products for the most updated details.

Remarks: 'Screw Connect Method' is recommended for the constant discharge current is higher than 30A.