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Full Li-ion Cell Catalogue for Battery Pack Building

Brand	Model	Nominal Voltage/Capacity	Photo	Full Charge Voltage	Continuous Discharge (Max.)	Quick Details
Murata	US18650VTC4	3.6V/2100mAh		4.2±0.05V	30A	1) Min. capacity: 2000mAh 2) Charge current: 2A 3) Max.continuous discharge current: 30A 4) Peak discharge and time: 60A (75s) 5) Cut off voltage: 2.0V 6) Dimemsion: 18.20x65.1mm (max.) 7) weight: 48.0g (average)
	US18650VTC5	3.6V/2600mAh		4.2±0.05V	30A	1) Min. capacity: 2500mAh 2) Charge current: 2.5A 3) Max.continuous discharge current: 30A 4) Cut off voltage: 2.0V 5) Dimemsion: 18.35x65.2mm (max.) 6) weight: 44.3g (average)
	US18650VTC5A	3.6V/2600mAh		4.2±0.05V	40A	1) Rated capacity: 2500mAh 2) Cont. Charge current: 6.0A (max.) 3) Max. cont. discharge current: 35A 4) Cut off voltage: 2.0V 5) Dimemsion: 18.50x65.2mm (max.) 6) weight: 48.6g (max.)
	US18650VTC5D	3.6V/2800mAh		4.2±0.05V	35A	1) Rated capacity: 2700mAh 2) Cont. Charge current: 6.0A (max.) 3) Max. cont. discharge current: 35A 4) Cut off voltage: 2.5V 5) Dimemsion: 18.50x65.2mm (max.) 6) weight: 48.2g (max.)
	US18650VTC6	3.6V/3100mAh		4.2±0.05V	30A	1) Rated capacity: 3000mAh 2) Cont. Charge current: 5.0A (max.) 3) Max. cont. discharge current: 30A 4) Cut off voltage: 2.0V 5) Dimemsion: 18.50x65.2mm (max.) 6) weight: 48.1g (max.)
	US21700VTC6A	3.6V/4100mAh		4.2±0.05V	40A	1) Minimum capacity: 4000mAh 2) Std. Charge Current: 4.5A 3) Max. Continuous Charge current: 9.0A (max.) 4) Cut off voltage: 2.0V 5) Dimemsion: 21.55x70.0mm (max.) 6) weight: 69g (max.)
Panasonic	NCR18500A	3.6V/2040mAh		4.2±0.03V	3.8A	1) Min. capacity: 1900mAh 2) Std. charge current: 1.33A 3) Charge time: 3h 4) Cut off voltage: 2.5V 5) Dimemsion: 18.5x49.5mm (max.) 6) weight: 35g (max.)
	NCA103450	3.6V/2350mAh		4.2±0.03V	2.35A	1) Min. capacity: 2270mAh 2) Std. charge current: 1.58A 3) Charge time: 4h 4) Cut off voltage: 2.75V 5) Dimemsion: 10.5x33.8x48.5mm (max.) 6) weight: 38.3g (max.)
	NCR18650PF	3.6V/2900mAh		4.2±0.03V	10A	1) Min. capacity: 2750mAh 2) Std. charge current: 1.35A 3) Charge time: 4h 4) Max.continuous discharge current: 10A 5) Cut off voltage: 2.5V 6) Dimemsion: 18.5x65.3mm (max.) 7) weight: 47g (max.)
	NCR18650BD	3.6V/3180mAh		4.2±0.03V	10A	1) Min. capacity: 3080mAh 2) Std. charge current: 0.9A (max.1.5A) 3) Charge time: 8h 4) Cut off voltage: 2.5V 5) Dimemsion: 18.5x65.2mm (max.) 6) weight: 49g (max.)

Panasonic	NCR18650B	3.6V/3400mAh		4.2±0.03V	4.87A	<ul style="list-style-type: none"> 1) Min. capacity: 3250mAh 2) Std. charge current: 1.625A 3) Charge time: 4h 4) Cut off voltage: 2.5V 5) Dimemision: 18.5x65.1mm (max.) 6) weight: 48.5g (max.)
Sanyo	UR14500AC	3.7V/840mAh		4.2±0.05V	1.68A	<ul style="list-style-type: none"> 1) Min. capacity: 800mAh 2) Std. charge current: 0.8A 3) Charge time: 2.5h 4) Cut off voltage: 2.5V 5) Dimemision: 13.9x45.2mm (max.) 6) weight: 20g (max.)
	UF553450Z	3.7V/1200mAh		4.2±0.05V	1.2A	<ul style="list-style-type: none"> 1) Min. capacity: 1150mAh 2) Std. charge current: 1.15A 3) Charge time: 3h 4) Cut off voltage: 2.5V 5) Dimemision: 33.85x5.55x49.8mm (max.) 6) weight: 22.3g (max.)
	UR18650ZY	3.7V/2600mAh		4.2±0.05V	5A	<ul style="list-style-type: none"> 1) Min. capacity: 2500mAh 2) Std. charge current: 1.75A 3) Charge time: 3h 4) Cut off voltage: 2.5V 5) Dimemision: 18.6x65.0mm (max.) 6) weight: 48g (max.)
	UR18650NSX	3.7V/2600mAh		4.2±0.05V	20A	<ul style="list-style-type: none"> 1) Min. capacity: 2500mAh 2) Std. charge current: 1.75A 3) Charge time: 3h 4) Cut off voltage: 2.5V 5) Dimemision: 18.5x65.3mm (max.) 6) weight: 45.8g
	NCR18650GA	3.6V/3500mAh		4.2±0.03V	10A	<ul style="list-style-type: none"> 1) Min. capacity: 3350mAh 2) Std. charge current: 1.475A 3) Charge time: 4.5h 4) Cut off voltage: 2.5V 5) Dimemision: 18.5x65.3mm (max.) 6) weight: 48g (max.)
	NCR20700B	3.6V/4250mAh		4.20V	15A	<ul style="list-style-type: none"> 1) Min. capacity: 4050mAh 2) Std. charge current: 2.0A 3) Charge time: 3.0h 4) Cut off voltage: 2.5V 5) Dimemision: 20.35x70.3mm (max.) 6) weight: 63g (max.)
	NCR2070C	3.6V/3620mAh		4.2±0.03V	30A	<ul style="list-style-type: none"> 1) Min. capacity: 3500mAh 2) Std. charge current: 2.45A 3) Charge time: 3h 4) Cut off voltage: 2.5V 5) Dimemision: 20.4x70.3mm (max.) 6) weight: 62g (max.)
Samsung	INR18650-25R	3.6V/2500mAh		4.2±0.05V	20A	<ul style="list-style-type: none"> 1) Min. capacity: 2500mAh 2) Charge current: 1.25A (3h) 3) Max. charge current: 2.5A (1h) 4) Max.continuous discharge current: 20A 5) Cut off voltage: 2.5V 6) Dimemision: (D)18.4x (H) 65.0mm 7) weight: 45g (max.)
	ICR18650-26J	3.7V/2600mAh		4.2±0.05V	5.2A	<ul style="list-style-type: none"> 1) Min. capacity: 2550mAh 2) Charge current: 1.3A (3h) 3) Max. charge current: 2.6A (2.5h) 4) Max.continuous discharge current: 5.2A 5) Cut off voltage: 2.75V 6) Dimemision: (D)18.4x (H) 65.0mm 7) weight: 47g (max.)
	INR18650-29E	3.65V/2900mAh		4.2±0.05V	10A	<ul style="list-style-type: none"> 1) Min. capacity: 2750mAh 2) Charge current: 1.375A (3h) 3) Max. charge current: 2.75A (2.5h) 4) Max.continuous discharge current: 10A 5) Cut off voltage: 2.5V 6) Dimemision: (D)18.4x (H) 65.0mm 7) weight: 45g (max.)

Samsung	INR18650-30Q6	3.6V/3000mAh		4.2±0.05V	30A	<ul style="list-style-type: none"> 1) Min. capacity: 3000mAh 2) Charge current: 1.5A (3h) 3) Max. charge current: 4A (70min) 4) Max.continuous discharge current: 15A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)18.4x (H) 65.0mm 7) weight: 48g (max.)
	INR18650-32E	3.65V/3200mAh		4.2±0.05V	6.2A	<ul style="list-style-type: none"> 1) Min. capacity: 3100mAh 2) Charge current: 1.55A (4h) 3) Max. charge current: 3.1A 4) Max. discharge current: 9.3A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)18.44x (H) 65.2mm 7) weight: 50g (max.)
	INR18650-35E	3.6V/3500mAh		4.2V	8A	<ul style="list-style-type: none"> 1) Min. capacity: 3350mAh 2) Charge current: 1.7A (4h) 3) Max. charge current: 2.0A 4) Max.continuous discharge current: 8A 5) Cut off voltage: 2.65V 6) Dimemsion: (D)18.55x (H) 65.25mm 7) weight: 50g (max.)
	INR21700-30T	3.6V/3000mAh		4.2V	35A	<ul style="list-style-type: none"> 1) Min. capacity: 2900mAh 2) Charge current: 1.5A (130min) 3) Max. charge current: 4.0A (60min) 4) Max.continuous discharge current: 35A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)21.22x (H) 70.30mm 7) weight: 70g (max.)
	INR21700-40T	3.6V/4000mAh		4.2V	35A	<ul style="list-style-type: none"> 1) Min. capacity: 3900mAh 2) Charge current: 2A (180min) 3) Max. charge current: 6A (70min) 4) Max.continuous discharge current: 35A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)21.22x (H) 70.30mm 7) weight: 70g (max.)
	INR21700-50E	3.6V/5000mAh		4.2V	10A	<ul style="list-style-type: none"> 1) Min. capacity: 4900mAh 2) Charge current: 2.45A (3h) 3) Max. charge current: 4.90A 4) Max.continuous discharge current: 9.8A 5) Cut off voltage: 2.50V 6) Dimemsion: (D)20.25x (H) 70.80mm 7) weight: 69g (max.)
LG Chem	INR18650 MF2	3.6V/2200mAh		4.2V	10A	<ul style="list-style-type: none"> 1) Min. capacity: 2100mAh 2) Charge current: 1.05A 3) Max. charge current: 2.1A 4) Max.continuous discharge current: 10A 5) Cut off voltage: 2.75V 6) Dimemsion: (D)18.4x (H) 65.2mm 7) weight: 44g (max.)
	INR18650 M26	3.65V/2600mAh		4.2±0.05V	10A	<ul style="list-style-type: none"> 1) Min. capacity: 2600mAh 2) Charge current: 1.25A 3) Max. charge current: 2.5A 4) Max.continuous discharge current: 10A 5) Cut off voltage: 2.75V 6) Dimemsion: (D)18.4x (H) 65.2mm 7) weight: 44g (max.)
	ICR18650B4	3.6V/2600mAh		4.2V	5A	<ul style="list-style-type: none"> 1) Min. capacity: 2500mAh 2) Charge current: 1.25A 3) Max. charge current: 2.5A 4) Max.continuous discharge current: 5A 5) Cut off voltage: 2.75V 6) Dimemsion: (D)18.4x (H) 65.5mm 7) weight: 47g (max.)
	ICR18650E1	3.75V/3200mAh		4.35±0.05V	4.65A	<ul style="list-style-type: none"> 1) Min. capacity: 3200mAh 2) Charge current: 1.55A 3) Max. charge current: 2.17A 4) Max.continuous discharge current: 4.65A 5) Cut off voltage: 2.75V 6) Dimemsion: (D)18.4x (H) 65.05mm 7) weight: 49g (max.)
	INR18650MH1	3.67V/3200mAh		4.2±0.05V	10A	<ul style="list-style-type: none"> 1) Min. capacity: 3100mAh 2) Charge current: 1.55A 3) Max. charge current: 3.1A 4) Max.continuous discharge current: 10A 5) Cut off voltage: 2.75V 6) Dimemsion: (D)18.5x (H) 65.15mm 7) weight: 49g (max.)

LG Chem	INR18650 MJ1	3.635V/3500mAh		4.2±0.05V	10A	<ol style="list-style-type: none"> 1) Min. capacity: 3400mAh 2) Charge current: 1.7A 3) Max. charge current: 3.4A 4) Max.continuous discharge current: 10A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.5x (H) 65.2mm 7) weight: 49g (max.)
	18650HG2	3.7V/3000mAh		4.2±0.05V	20A	<ol style="list-style-type: none"> 1) Min. capacity: 3000mAh 2) Charge current: 1.5A 3) Max. charge current: 4A 4) Max.continuous discharge current: 20A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.5x (H) 65.2mm 7) weight: 47g (max.)
	INR21700-M50T	3.63V/5000mAh		4.2±0.05V	15A	<ol style="list-style-type: none"> 1) Min. capacity: 3000mAh 2) Charge current: 1.45A 3) Max. charge current: 3.4A 4) Max.continuous discharge current: 15A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)21.1x (H) 70.15mm 7) weight: 69.5g (max.)
Molicel	INR18650-P26A	3.6V/2600mAh		4.2±0.05V	35A	<ol style="list-style-type: none"> 1) Ambient Temperature: -40~60dgC (discharge) 2) Charge current: 2.6A (std.) 3) Max. charge current: 6.0A 4) Max.continuous discharge current: 35A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.6x (H) 65.2mm 7) weight: 50g (max.)
	INR18650-P28A	3.6V/2800mAh		4.2±0.05V	35A	<ol style="list-style-type: none"> 1) Ambient Temperature: -40~60dgC (discharge) 2) Charge current: 2.8A (std.) 3) Max. charge current: 6.0A 4) Max.continuous discharge current: 35A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.6x (H) 65.2mm 7) weight: 46g (typ.)
	INR21700-P42A	3.6V/4200mAh		4.2±0.05V	45A	<ol style="list-style-type: none"> 1) Min. capacity: 4000mAh 2) Charge current: 4.2A (std.) 3) Ambient Temperature: -40~60dgC (discharge) 4) Max.continuous discharge current: 35A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)21.7x (H)70.2mm 7) weight: 67g (typ.)
Vappower	IMR18350	3.6V/1200mAh		4.2V	10A	<ol style="list-style-type: none"> 1) Min. capacity: 1100mAh 2) Charge current: 0.5A std, 1.1A max. 3) Max.continuous discharge current: 10A 4) Max. pulse discharge: 15A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.2x (H) 35.0mm 7) weight: 24g (max.)
	IMR18650-25	3.7V/2500mAh		4.2V	35A	<ol style="list-style-type: none"> 1) Min. capacity: 2500mAh 2) Charge current: 1.25A 3) Max.continuous discharge current: 35A 4) Max. pulse discharge: 50A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.5x (H) 65.2mm 7) weight: 48g (max.)
	IMR18650-26	3.7V/2600mAh		4.2V	40A	<ol style="list-style-type: none"> 1) Min. capacity: 2500mAh 2) Charge current: 2.5A 3) Max. discharge current: 40A 4) Max. pulse discharge: 60A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.5x (H) 65.2mm 7) weight: 47g (max.)
	IMR18650-30	3.7V/3000mAh		4.2V	30A	<ol style="list-style-type: none"> 1) Min. capacity: 3000mAh 2) Charge current: 1.5A 3) Max.continuous discharge current: 30A 4) Max. pulse discharge: 50A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)18.5x (H) 65.2mm 7) weight: 47g (max.)
	INR20700A	3.7V/3000mAh		4.2V	35A	<ol style="list-style-type: none"> 1) Min. capacity: 2850mAh 2) Charge current: 1.5A 3) Max.continuous discharge current: 35A 4) Max. pulse discharge: 50A 5) Cut off voltage: 2.5V 6) Dimemnsion: (D)20.5x (H) 70.0mm 7) weight: 60g (max.)

Vappower	IMR18650-32	3.7V/3200mAh		4.2V	10A	<ul style="list-style-type: none"> 1) Min. capacity: 3100mAh 2) Charge current: 1.55A 3) Max.continuous discharge current: 10A 4) Max. pulse discharge: 20A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)18.5x (H) 65.2mm 7) weight: 49g (max.)
	IMR26650-50	3.7V/5000mAh		4.2V	35A	<ul style="list-style-type: none"> 1) Min. capacity: 5000mAh 2) Charge current: 2A 3) Max.continuous discharge current: 35A 4) Max. pulse discharge: 50A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)26.5x (H) 68mm 7) weight: 93.5g (max.)
	IMR26650-52	3.7V/5200mAh		4.2V	20A	<ul style="list-style-type: none"> 1) Min. capacity: 5200mAh 2) Charge current: 2A 3) Max.continuous discharge current: 20A 4) Max. pulse discharge: 30A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)26.5x (H) 67.5mm 7) weight: 94.5g (max.)
BAK	N18650CNP	3.6V/2500mAh		4.2V	30A	<ul style="list-style-type: none"> 1) Min. capacity: 2400mAh 2) Max. charge current: 4A 3) Max.continuous discharge current: 30A (not for cycle) 4) Internal Resistance: ≤ 16 mΩ 5) Cut off voltage: 2.5V 6) Dimemsion: (D)18.55x (H) 65.1mm 7) weight: 48g (max.)
	H18650CH	3.6V/2600mAh		4.2V	3C	<ul style="list-style-type: none"> 1) Min. capacity: 2500mAh 2) Max. charge current: 2.6A 3) Max.continuous discharge current: 7.5A 4) Internal Resistance: ≤ 30 mΩ 5) Cut off voltage: 2.75V 6) Dimemsion: (D)18.55x (H) 65.1mm 7) weight: 48g (max.)
	N18650CP	3.6V/3350mAh		4.2V	3C	<ul style="list-style-type: none"> 1) Min. capacity: 3250mAh 2) Max. charge current: 3.25A 3) Max.continuous discharge current: 10A (3C) 4) Internal Resistance: ≤ 35 mΩ 5) Cut off voltage: 2.5V 6) Dimemsion: (D)18.55x (H) 65.1mm 7) weight: 49g (max.)
	NCR18650CL	3.6V/2900mAh		4.2V	3C	<ul style="list-style-type: none"> 1) Min. capacity: 2800mAh 2) Max. charge current: 2.8A (1C) 3) Max.continuous discharge current: 8.4A (3C) 4) Internal Resistance: ≤ 35 mΩ 5) Cut off voltage: 2.5V 6) Dimemsion: (D)18.55x (H) 65.1mm 7) weight: 48g (max.)
Lishen	LR21700LA	3.6V/4050mAh		4.2V	35A	<ul style="list-style-type: none"> 1) Min. capacity: 3950mAh 2) Charge current: 2A std, 6A max. 3) Max.continuous discharge current: 35A 4) Pulse Discharge current: 45A (60S) 5) Cut off voltage: 2.5V 6) Dimemsion: (D)21.4x (H) 70.65mm 7) weight: 65g (max.)
Cham	CMICR18650F8	3.6V/2600mAh		4.2V	2.55A	<ul style="list-style-type: none"> 1) Min. capacity: 2550mAh 2) Charge current: 0.51A std, 2.55A max. 3) Max.continuous discharge current: 2.55A 4) Pulse Discharge current: 5.1A (200mS) 5) Cut off voltage: 3.0V 6) Dimemsion: (D)18.6x (H) 65.2mm 7) weight: 46.5g (max.)
	18650F9L	3.6V/3350mAh		4.2V	4.875A	<ul style="list-style-type: none"> 1) Min. capacity: 3250mAh 2) Charge current: 0.975A std, 1.625A max. 3) Max. discharge current: 4.875A 4) Pulse Discharge current: 6.5A 5) Cut off voltage: 2.5V 6) Dimemsion: (D)18.6x (H) 65.2mm 7) weight: 49g (max.)