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Green energy, easy life



Li-ion Battery & Li-Polymer Battery

Open the era of new energy technology

Shenzhen PKCELL Battery Co LTD is one of largest battery mafac
turing enterprises in China for its biggest production ...

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Li-Polymer Battery



Polymer Li-ion Battery

Model	Nominal Voltage	Capacity(mAh)		Dimension(mm)		
		Typical	Nominal	T(±0.2)	W(±0.5)	H(±0.2)
501220	3.7V	80	70	5.0	12.0	20.0
401233	3.7V	120	110	4.0	12.0	33.0
401723	3.7V	120	110	4.0	17.0	23.0
401730	3.7V	170	160	4.0	17.0	30.0
401936	3.7V	240	230	4.0	19.0	36.0
402030	3.7V	180	170	4.2	20.0	30.0
502030	3.7V	250	240	5.2	20.0	30.0
602030	3.7V	300	290	6.2	20.0	30.0
802120	3.7V	270	260	8.0	21.0	20.0
502240	3.7V	420	400	5.0	22.0	40.0
502535	3.7V	400	280	5.0	25.0	35.0
652631	3.7V	500	480	6.5	26.0	31.0
482839	3.7V	530	510	4.8	28.0	39.0
603048	3.7V	900	850	6.0	30.0	48.0
803048	3.7V	1250	1150	8.0	30.0	48.0
903048	3.7V	1400	1300	9.0	30.0	48.0
703258	3.7V	1400	1300	7.0	32.0	58.0
653443	3.7V	1000	900	6.5	34.0	43.0
603450	3.7V	1100	1000	6.0	34.0	50.0
703450	3.7V	1200	1100	7.0	34.0	50.0
803450	3.7V	1400	1300	8.0	34.0	50.0
903450	3.7V	1700	1600	9.0	34.0	50.0
103636	3.7V	1350	1250	10.0	36.0	36.0
483840	3.7V	750	720	4.8	38.0	40.0
484086	3.7V	1900	1800	4.8	40.0	86.0
804566	3.7V	2700	2600	8.0	45.0	66.0
7045105	3.7V	4000	3900	7.0	45.0	105.0
8045135	3.7V	6000	5900	8.0	45.0	135.0
604698	3.7V	3200	3100	6.0	46.0	98.0
8049105	3.7V	5000	4900	8.0	49.0	105.0
605085	3.7V	3000	2900	6.0	50.0	85.0
605149	3.7V	1600	1500	6.0	51.0	49.0
655256	3.7V	2100	2000	6.5	52.0	56.0
605575	3.7V	2800	2700	6.0	55.0	75.0
9055107	3.7V	6600	6500	9.0	55.0	107.0
486281	3.7V	2700	2600	4.8	62.0	81.0

Li-ion Battery



Cylindrical Li-ion Battery

Model	Nominal Voltage (V)	Capacity		Dimension		Weight Approx (g)
		Typical (mAh)	Nominal (mAh)	Diameter (mm)	Height (mm)	
ICR10440	3.7	300	290	10	43.5	10
ICR13490	3.7	700	680	13	49.0	14
ICR14430	3.7	650	620	14.3	43.0	16
ICR14470	3.7	720	700	14.3	47.0	17
ICR14500	3.7	750	720	14.3	50.0	18
ICR14650	3.7	1050	1000	14.3	65.0	24
ICR17335	3.7	700	650	17.0	34.5	18
ICR17500	3.7	1100	1050	17.0	50.0	27
ICR17650	3.7	1500	1450	17.0	65.0	36
ICR18490	3.7	1400	1350	18.3	49.0	33
ICR18650	3.7	2000	1950	18.3	65.0	45
ICR18650H	3.7	2200	2100	18.0	65.0	46
RCR123A	3.7	600	550	17.0	34.5	20
RCR-V3	3.7	1300	1250	15(T)×28.6(W)×51.9(H)		40

Cylindrical High Power Li-ion Battery

Model	Capacity (mAh)	Nominal Voltage(V)	Max Continuous discharge current	Max instant discharge current	Temperature	Weight (g)	Measurements(mm)	
							Diameter	Height
ICR17500	800	3.7	4A	8A	-20-60	26 ±1	17	50
ICR18500	1000	3.7	8A	20A	-20-60	33 ±1	18	50
ICR18650	1000	3.7	7A	20A	-20-60	40 ±1	18.3	65.2
ICR18650	1300	3.7	8A	20A	-20-60	42 ±1	18.3	65.2
ICR22430	1200	3.7	12A	18A	-20-60	33 ±1	22	43

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Prismatic Li-ion Battery

Model	Nominal Voltage	Capacity(mAh)		Dimension(mm)		
		Typical	Nominal	T(±0.2)	W(±0.5)	H(±0.2)
PK523450	3.7V	1000	950	54	33.7	50
PK423450	3.7V	800	770	44	33.7	50
PK423855	3.7V	950	900	44	22.7	55
PK484461	3.7V	1450	1400	50	43.7	61
PK503048	3.7V	800	770	52	29.7	48
PK503448	3.7V	900	850	52	29.7	48
PK503450	3.7V	1000	950	52	33.7	50
PK523855	3.7V	1200	1150	54	37.7	55
PK603048	3.7V	950	900	62	29.7	48
PK623450	3.7V	1200	1150	64	33.7	50
PK604036	3.7V	1000	950	62	39.7	36
PK753450	3.7V	1250	1200	75	33.7	50
PK083440	3.7V	1000	950	80	33.7	40
PK083450	3.7V	1500	1450	80	33.7	50
PK103450	3.7V	1800	1750	10	33.7	50

Prismatic Li-ion Battery

Li-FePO4 Battery





Cylindrical Li-FePO4 High Capacity Battery

Model No.	Dimensions(mm)		Internal Impedance (mΩ)	Nominal Voltage(V)	Nominal Capacity (mAh)	Discharge Performance	Weight Approx (g)
	Out Dia.	Height					
IFR14500H	14 ± 0.2	50.0 ± 0.2	≤35	3.2	450	1-4C	18.00
IFR17500H	17 ± 0.2	50.0 ± 0.2	≤47		700	1-4C	25.00
IFR18650H	18 ± 0.2	65.0 ± 0.2	≤40		1350	1-4C	45.00
IFR22500H	22 ± 0.2	50.0 ± 0.2	≤40		1300	1-4C	43.00
IFR22650H	22 ± 0.2	65.2 ± 0.2	≤35		2000	1-4C	60.00
IFR26650H	26 ± 0.2	65.5 ± 0.2	≤35		3000	1-4C	85.00
IFR32650H	32 ± 0.2	65.5 ± 0.2	≤30		4200	1-4C	128.00

Cylindrical Li-FePO4 High Power Battery

Model No.	Dimensions(mm)		Internal Impedance (mΩ)	Nominal Voltage(V)	Nominal Capacity (mAh)	Discharge Performance	Weight Approx (g)
	Out Dia.	Height					
IFR18500P	18 ± 0.2	50 ± 0.2	≤25	3.2	900	5-20C	32.00
IFR18650P	18 ± 0.2	65 ± 0.2	≤20		1150	5-20C	42.00
IFR22430P	22 ± 0.2	43 ± 0.2	≤25		1100	5-20C	50.00
IFR22650P	22 ± 0.2	65.5 ± 0.2	≤20		1700	5-20C	60.00
IFR26650P	26 ± 0.2	65.5 ± 0.2	≤15		2400	5-15C	84.00
IFR32600P	32 ± 0.2	60.0 ± 0.2	≤15		3000	5-15C	125.00
IFR32900P	32 ± 0.2	90.0 ± 0.2	≤15		4500	5-15C	188.00
IFR42120P	42 ± 0.2	120.0 ± 0.2	≤15		10000	5-15C	390.00