

BUNDLE MATRIX

The graph illustrates the relationship between Voltage (V) and Capacity (mAh) for various battery configurations. The Y-axis represents Voltage (V) from 0 to 45, and the X-axis represents Capacity (mAh) from 0 to 10000. The data points are as follows:

Voltage (V)	Capacity (mAh)
36.5	8550
25.55	2850
25.55	5700
18.25	2580
18.25	5700
14.6	2850
14.6	5700
11.1	2500
11.1	5200
7.4	2600
3.7	5200



BATTERY PACKS & BUNDLE SOLUTIONS

Technische Daten / Technical Data



Bestellnummer Part Number		5500129	5500001	5500002	5500003	5500099	5500100	5500004	5500005	5500006	5500007	5500008
Konfiguration Configuration		1S2P	2S1P	3S1P	3S2P	4S1P	4S2P	5S1P	5S2P	7S1P	7S2P	10S3P
Kapazität Capacity	mAh	5200	2600	2600	5200	2850	5700	2850	5700	2850	5700	8550
Nennspannung Nominal Voltage	V	3,7	7,4	11,1	11,1	14,6	14,6	18,25	18,25	25,55	25,55	36,5
Energiedichte Energy Density	Wh	19,2	19,2	28,9	57,7	41,6	83,2	52,0	104,0	72,8	145,6	312,1
Verwendete Zellen Used Cells	Samsung	ICR18650-26F M	ICR18650-26F M	ICR18650-26F M	ICR18650-26F M	INR18650-29E	INR18650-29E	INR18650-29E	INR18650-29E	INR18650-29E	INR18650-29E	INR18650-29E
Maximale Ladespannung Max Charge Voltage	V	4,2	8,4	12,6	12,6	16,8	16,8	21	21	29,4	29,4	42
Ladestrom Charge Current (0°C < T < 45°C)	mA	1300	1300	1300	2600	1375	1375	1375	2750	1375	2750	4125
Schnellladestrom Rapid Charge Current (0°C < T < 45°C)	mA	2600	2600	2600	5200	2750	2750	2750	5500	2750	5500	8250
Kontinuierlicher Entladestrom Continuous Discharge Current (-20°C < T < 60°C)	mA	2600	2600	5200	5200	2750	2750	2750	5500	2750	5500	8250
Endladeschlussspannung Final Discharge Voltage	V	2,75	5,5	8,25	8,25	10	10	12,5	12,5	17,5	17,5	25
Tiefentladeschutz pro Zelle UVP per Cell	V	2,3	3	2,4	3	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Überspannungsschutz pro Zelle OVP per Cell	V	4,25	4,25	4,35	4,25	4,25	4,25	4,25	4,25	4,25	4,25	4,25
NTC	Ohm	10 K	10K	10K	10K	10K B=3380	10K B=3380	10K B=3380	10K B=3988	10K B=3380	10K B=3988	10K B=3988
Lebenserwartung @25°C Life Expectancy @25°C Charge/Discharge: 1,4 A		>300 Vollzyklen mit Kapazität >70% >300 Full Cycles with Capacity >70%										
Zellausgleich Cell Balancing		-	-	ja	-	ja	ja	ja	ja	ja	ja	ja
Gewicht Weight	g	108	108	156	303	242	434	252	534	384	724	1540
Breite Width	mm	20	20	20	39	19	38	19	38	36	38	62
Höhe Height	mm	73	73	73	74	75	75	75	75	75	75	75
Länge Length	mm	39	39	57	57	76	76	95	95	74	133	204
Anschlusstecker Connector Plug		JST J300										
Anschlüsse Connector		PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red										
Kabellänge Cable Length	mm	200										
Zertifizierungen Certifications		CE RoHS UN 38.3	CE RoHS UN 38.3 IEC62133	CE RoHS UN 38.3 IEC62133	CE RoHS UN 38.3 IEC62133	CE RoHS UN 38.3	CE RoHS UN 38.3	CE RoHS UN 38.3 IEC62133	CE RoHS UN 38.3 IEC62133	CE RoHS UN 38.3	CE RoHS UN 38.3 IEC62133	CE RoHS UN 38.3
Bundle Solution: Passendes Ladegerät Matching Charger		GPP18 GPP36	GPP18 GPP36	GPP36	GPP36	GPP36	FOX50C GPP36	GPP36	GPP36	FOX50C	FOX90C	FOX90C FOX160C