

Technische Daten / Technical Data: Battery Packs

Bestellnummer Part number	5500001	5500002	5500003	5500004	5500005	5500006	5500007	5500008
Konfiguration Configuration	2S1P	3S1P	3S2P	5S1P	5S2P	7S1P	7S2P	10S3P
Kapazität Capacity	2800 mAh	2800 mAh	5600 mAh	2800 mAh	5600 mAh	2800 mAh	5600 mAh	8400 mAh
Nominal Spannung Nominal voltage	7,5 V	11,25 V	11,25 V	18,75 V	18,75 V	26,25 V	26,25 V	37,5 V
Verwendete Zellen im Pack Used Cell in Pack	Samsung ICR18650-28A 2x	Samsung ICR18650-28A 3x	Samsung ICR18650-28A 6x	Samsung ICR18650-28A 5x	Samsung ICR18650-28A 10x	Samsung ICR18650-28A 7x	Samsung ICR18650-28A 14x	Samsung ICR18650-28A 30x
Maximale Ladespannung Max Charge voltage	8,6 V	12,9V	12,9V	21,5V	21,5V	30,1V	30,1V	43V
Ladestrom Charge Current standard (0°C < T < 45°C)	1400mA	1400mA	2800mA	1400mA	2800mA	1400mA	2800mA	4200mA
Schnellladestrom Charge Current Rapid (0°C < T < 45°C)	2800mA	2800mA	5600mA	2800mA	5600mA	2800mA	5600mA	8400mA
Standard Entladestrom Discharge Current Standard (-20°C < T < 60°C)	2800mA	2800mA	5600mA	2800mA	5600mA	2800mA	5600mA	8400mA
Max. kontinuierlicher Entladestrom Discharge Current max continuous (-20°C < T < 60°C)	5600mA	5600mA	11200mA	5600mA	11200mA	5600mA	11200mA	16800mA
Spitzen-Entladestrom Discharge Current max peak (0°C < T < 45°C)	8000mA	8000mA	15000mA	8000mA	15000mA	8000mA	15000mA	20000mA
Überspannungsschutz pro Zelle - OVP per cell cutoff	4,35V	4,35V	4,35V	4,35V	4,35V	4,35V	4,35V	4,35V
Überspannungsschutz pro Zelle OVP per cell release	4,15V	4,15V	4,15V	4,15V	4,15V	4,15V	4,15V	4,15V
Tiefenladeschutz pro Zelle - BMS Freigabe UVP per cell release	3V	3V	3V	3V	3V	3V	3V	3V
NTC NTC	10000 Ohm	10000 Ohm	10000 Ohm	10000 Ohm	10000 Ohm	10000 Ohm	10000 Ohm	10000 Ohm
Lebenserwartung Life expectancy @25°C 1.4A Charge/1.4A Discharge	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%	300 Zyklen mit min. Kapazität von >70% / 300 cycles with min capacity of >70%
Zertifizierungen Certifications	CE UL1642 IEC 62133 ROHS UN 38.3	CE UL1642 IEC 62133 ROHS UN 38.3	CE UL1642 IEC 62133 ROHS UN 38.3	CE UL1642 IEC 62133 ROHS UN 38.3	CE UL1642 IEC 62133 ROHS UN 38.3	CE UL1642 IEC 62133 ROHS UN 38.3	CE UL1642 IEC 62133 ROHS UN 38.3	CE UL1642 IEC 62133 ROHS UN 38.3
Gewicht/Weight	110 g	160 g	300 g	250 g	500 g	350 g	700 g	1600 g
Länge/Length	38mm	56mm	56mm	95mm	95mm	76mm	135mm	205mm
Höhe/Height	75mm	75mm	75mm	75mm	75mm	75mm	75mm	75mm
Breite/Width	19mm	19mm	38mm	19mm	38mm	36mm	38mm	63mm
Anschlüsse/Connector	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red	PIN1 GND Black PIN2 NTC Yellow PIN3 PLUS Red
Kabellänge Cable length	50mm	50mm	50mm	50mm	50mm	50mm	50mm	50mm



FRIWO Gerätebau GmbH
Von-Liebig-Straße 11
D-48346 Ostbevern

Tel.: +49 / (0)2532 - 81-0
Fax: +49 / (0)2532 - 81-112



www.friwo.de
sales@friwo.de