



Dimensions

length: 66 ± 2mm
width: 19 ± 1mm
height: 22 ± 1mm



UL recognized MH45979, IEC62133 2nd ed. CB Report available

Data for pack

Nominal Voltage	3.6V	2.5V - 4.2V	
Nominal capacity	3350mAh	typical	
Used cell in Pack	1pcs	Panasonic NCR-18650BF	
internal resistance pack	130mΩ	117 - 147mΩ	
Max charge voltage	4.2V		
Charge current	max.	1650mA	
		10°C < T < 45°C	
Discharge	standard	650mA	
	max.cont.	3000mA	
	max.peak	3000mA	
		-20°C < T < 60°C	
		-20°C < T < 60°C (limited by connector)	
		-20°C < T < 60°C	
Short circuit current	≥34.5A	>320μs	
NTC	10 kΩ		
Connector	JST	XHP-3	Pin 1: GND black
			Pin 2: NTC yellow
			Pin 3: PLUS red
Cable length	45mm	±5mm	
Weight	ca. 49.5g	±5g	
Watt-hour rating	12Wh	acc. to UN38.3 Certificate Rev. 5.1	

Limitations by Safety Unit (SU)

over voltage (per cell)	cut off	4.215V	±25mV
	release	4.1V	±25mV
under voltage (per cell)	cut off	2.3V	±50mV
	release	2.4V	±50mV
Current limit 1 by SU		≤3A	continuous (typical)
Current limit 2 by SU		≥14.5A	>2.24ms (typical)
Current limit 3 by SU		≥34.5A	>320μs (typical)
Power consumption	active	≤35μA	@4.2V ±5μA
	sleep	10μA	±2μA

Recommended charger

C-LIO-1SN15-1,8M_DIN4-GPN-.R001	4,2V	1,5A	
---------------------------------	------	------	--

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty.
No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data.
Fey Elektronik GmbH, Storchenweg 3, 21217 Seevetal, Germany, info@feyelektronik.de, Tel.: +49 (0)40-703-8888-0