

PA-LHC46.R001



Dimensions

Length	67mm	±1mm
Width	18.6mm	±0.5mm
Height	41mm	±1mm

Data for Pack

Nominal voltage	3.6V	2.5V - 4.2V			
Nominal capacity	5800mAh	typical (5400mAh rated)			
Used cell in pack	2pcs	Panasonic NCR-18650PF			
Internal resistance pack	46.5mΩ	±10%			
Charge voltage	4.2V	max.			
Charge current	max	2.75A	10°C < T < 45°C		
	standard	5A	-20°C < T < 60°C * ¹⁾		
	max. cont.	10A	0°C < T < 40°C		
	max. peak	20A	0°C < T < 40°C t < 5ms		
NTC	10kΩ	Tolerance ±3%; B-value 25°C/85°C = 3980K			
Connector	Molex	UltraFit	Pin1	Vbat+	red
			Pin2	NTC	yellow
			Pin3	GND	black
Cable Length	90mm	±10mm			
Weight	ca. 100g	±5g			
Watt-hour rating	19.6Wh	acc. to UN38.3 Certificate			

*¹⁾ discharge in ambient temperatures lower than 0°C will result in limited performance in current output and usable capacity

Limitations by Safety Unit (SU) @ Ta 25°C

Over voltage (per cell)	cut off	4.275V	±0.025V
	release	4.075V	±0.025V
Under voltage (per cell)	cut off	2.3V	±0.05V
	release	2.3V	±0.05V
Current Limit by SU		17A	>9ms (±2A)
Short circuit protection		Yes	Implemented in Safety Unit
Current Fuse		20A	non reversible
Power consumption	active	20μA	max 35μA
	power down	2μA	max 5μA (power down when Ubat < 2.3V)

Recommended Charger

C-LIO-1SN15-1,8M-DIN4--PNG.R001

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