

# PA-LHC19.R001



## Dimensions

Length	67mm	±1mm
Width	18.6mm	±0.5mm
Height	23mm	±1mm

## Data for Pack

Nominal voltage	3.6V	2.5V - 4.2V			
Nominal capacity	2900mAh	typical (2700mAh rated)			
Used cell in pack	1pcs	Panasonic NCR-18650PF			
Internal resistance pack	55mΩ	±10%			
Charge voltage	4.2V	Max.			
Charge current	max	1.375A	10°C < T < 45°C		
	standard	5A	-20°C < T < 60°C * <sup>1)</sup>		
Discharge	max cont.	8A	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. 54g	±5g			
Watt-hour rating	9.8Wh	acc. to UN38.3 Certificate			

\*<sup>1)</sup> 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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