

# PA-LHC55.R001



## Dimensions

Length	67mm	±1mm
Width	18.6mm	±0.5mm
Height	77mm	±1mm

## Data for Pack

Nominal voltage		3.6V	2.5V - 4.2V		
Nominal capacity		11600mAh	typical (10800mAh rated)		
Used cell in pack		4pcs	Panasonic NCR-18650PF		
Internal resistance pack		42.3mΩ	±10%		
Charge voltage		4.2V	max.		
Charge current	max	5A	10°C < T < 45°C		
	standard	5A	-20°C < T < 60°C * <sup>1)</sup>		
	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. 194g	±5g		
Watt-hour rating		39.2Wh	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

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.

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