

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 *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. 54g	±5g		
Watt-hour rating		9.8Wh	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