

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 * 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. 194g	±5g
Watt-hour rating		39.2Wh	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