

# PA-UL-ICR19.R001



## Dimensions

Length	67	± 1mm
Width	19	± 0.5mm
Height	22	± 1mm



MH45979



IEC 62133 2nd. Ed.

## Data for Pack

Nominal voltage		3.6V	2.75V - 4.2V
Nominal capacity		2200mAh	typical
Used cell in pack		1pcs	Samsung ICR-18650-22F
Internal resistance pack		150mΩ	±10%
Charge voltage		4.2V	max
Charge current	standard	1.1A	-10°C < T < 50°C
	rapid	2.2A	-10°C < T < 45°C
Discharge	standard	0.44A	-20°C < T < 70°C *1)
	max cont.	3A	-20°C < T < 60°C *1) (limited by connector)
	max peak	5A	-20°C < T < 45°C t < 2ms *1)
Short circuit current		44A	< 380μs
NTC		10kΩ	Tolerance ±3%; B-value 25°C/85°C = 3980K
Connector	JST	XHP-3	Pin1 GND
			Pin2 NTC
			Pin3 Bat+
Cable Length		45mm	± 5mm
Weight		ca. 46g	± 5g
Watt-hour rating		7.92Wh	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	4215mV	±25mV
	release	4100mV	±25mV
under voltage (per cell)	cut off	2300mV	±50mV
	release	2400mV	±50mV
Current Limit 1 by SU		≤ 4A	continous typical
Current Limit 2 by SU		≥17.9A	2.24ms (typical)
short circuit protection		≥42.9A	380μs (typical) ±10A
Power consumption	active	15μA	±5μA
	power down	8μA	±2μA

## Recommended Charger

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