

# PA-IEC-INR27.R001



## Dimensions

Length	55.1	± 1 mm
Width	18.2	± 1 mm
Height	72.2	± 1 mm

## Data for Pack

Nominal voltage	11.1V	7.5V - 12.6V			
Nominal capacity	3200mAh	nominal			
Used cell in pack	3 pcs	LG INR-18650MH1			
Internal resistance pack	160mΩ	±10%			
Max charge voltage	12.6V				
Charge current	standard	1500mA	0°C < T < 45°C		
	rapid	3000mA	0°C < T < 45°C (limited by connector)		
Discharge	standard	620mA	-20°C < T < 60°C *below 0°C with limited performance		
	max. cont.	3000mA	0°C < T < 45°C (limited by connector)		
	max. peak	8000mA	0°C < T < 45°C t < 1ms		
Short circuit current	≤70A	< 10μs (typical)			
NTC	10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K			
Connector	JST	XHP-3	Pin1	GND	black
			Pin2	NTC	yellow
			Pin3	Vbat+	red
Cable Length	45 mm	± 5 mm			
Weight	ca. 147g	± 5 g			
Watt-hour rating	34.4Wh	acc. to UN38.3 Certificate from cell			

## Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4215mV	± 25mV
	release	4115mV	± 50mV
under voltage (per cell)	cut off	2400mV	± 80mV
	release	3000mV	± 100mV
Current Limit 1 by SU		≤8A	10ms (±2A)
Current Limit 2 by SU		n/a	n/a
short circuit protection		≥50A	300μs typical (±15A)
Power consumption	active	30μA	max
	power down	2μA	max 2μA, power down when Ubat < undervoltage cut off

## Recommended Charger

CC/CV CHARGER WITH NTC