

# PA-L2353.R001



## Dimensions

Length	67	± 0.5 mm
Width	41	± 1 mm
Height	27	± 1 mm

## Data for Pack

Nominal voltage	7.2V	6V - 8.4V	
Nominal capacity	2900mAh	nominal	
Used cell in pack	2 pcs	Panasonic NCR18650	
Internal resistance pack	130mΩ	±10%	
Max charge voltage	8.4V	max.	
Charge current	standard	580mA	0°C < T < 45°C
	rapid	1950mA	10°C < T < 45°C (limited by connector)
Discharge	standard	580mA	-20°C < T < 60°C *below 0°C with limited performance
	max. cont.	3000mA	-20°C < T < 60°C (limited by connector)
	max. peak	8000mA	-20°C < T < 45°C t < 1ms
Short circuit current	≤70A	< 10μs (typical)	
NTC (external)	n/a		
Connector	Samtec	IPD1-04-S-K	Pin_1: Vbatt Pin_2: GND Pin_3: I <sup>2</sup> C_SCL Pin_4: I <sup>2</sup> C_SDA
Cable Length	120 mm	± 10 mm	
Weight	ca. 147g	± 5 g	
Watt-hour rating	19.6Wh	acc. to UN38.3 Certificate from cell	

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

over voltage (per cell)	cut off	4250mV	± 25mV
	release	4050mV	± 100mV
under voltage (per cell)	cut off	2500mV	± 100mV
	release	3000mV	± 100mV
Current Limit 1 by SU		3250mA	continuous
Current Limit 2 by SU		9000mA	~ 31 ms
short circuit protection		15000mA	~ 915 μs
Power consumption	active	700μA	
	sleep	300μA	

## Recommended Charger

CC/CV smart charger