

# PA-L2124.R002



## Dimensions

Length	119.5	± 2mm
Width	66	± 1mm
Height	27.5	± 1mm

## Data for Pack

Nominal voltage	10.8V	8.25V - 12.6V				
Nominal capacity	4500mAh	typical (4200mAh minimum)				
Used cell in pack	6pcs	Panasonic UR18650A				
Internal resistance pack	150mΩ	±10%				
Charge voltage	12.6V	max				
Charge current	max	3A	0°C < T < 45°C <sup>2)</sup>			
Discharge	standard	0.9A	-20°C < T < 60°C <sup>1), 2)</sup>			
	max. cont.	4.45A	0°C < T < 45°C <sup>1), 2)</sup>			
	max. peak	27.5A	-20°C < T < 60°C <sup>1), 2)</sup> t < 1ms			
Short circuit current	65A	< 1ms				
NTC	10kΩ	internal NTC				
Connector	Tyco	ER 2.5 TPA	Pin1	VBAT+	Pin4	GND
			Pin2	SMBC	Pin5	NTC
			Pin3	SMBD		
Cable Length	120mm	± 5mm				
Weight	ca. 333g	± 5g				
Watt-hour rating	46.8Wh	acc. to UN38.3 Certificate from cell				

1) below 0°C with limited performance in current output and available capacity 2) Cell temperature, not ambient temperature

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

over voltage (per cell)	cut off	4.21V	± 0.025V
	release	4.05V	± 0.025V
under voltage (per cell)	cut off	2.75V	± 0.025V
	release	3V	± 0.025V
Current Limit 1 by SU		4.5A	continuous typical
Current Limit 2 by SU		14A	t < 31ms
short circuit protection		27.5A	t < 1ms typical
Power consumption	active	< 550μA	
	shutdown	< 150μA	

## Recommended Charger

CC / CV Charger with NTC control