

# PA-L2304.R002



\*picture only for reference

## Dimensions

Length	41mm
Width	43.5mm
Height	6.5mm



IEC62133-2:2017



MH45979<sup>4)</sup>

## Data for Pack

Nominal voltage	3.7V	2.75V - 4.2V (usable voltage range)		
Nominal capacity	1040mAh	typical		
Used cells in pack	1pcs	Panasonic UF553443ZU		
Internal resistance pack	120mΩ	±10%		
Charge voltage	4.2V	max <sup>2)</sup>		
Charge current	standard	0.2A 0°C < T < 45°C <sup>3)</sup>		
	rapid	1A 0°C < T < 45°C <sup>3)</sup>		
Discharge	standard	0.2A -20°C < T < 60°C <sup>1) 3)</sup>		
	max cont.	2A -20°C < T < 60°C <sup>1) 3)</sup>		
	max peak	3A 0°C < T < 40°C <sup>3)</sup> t < 2ms		
Over Voltage Cut-off (per cell)	4.215V	safety unit cut-off		
Over Voltage release (per cell)	4.115V			
Under Voltage Cut-off (per cell)	2.3V	typical @Ta 25°C; recovery = charger connect		
Discharge current protection	>2.77A	typical @Ta 25°C; recovery = load remove		
Charge current protection	n/a			
load short circuit protection	>30A	typical @Ta 25°C; max 480μs		
non resettable current fuse	5A			
non resettable second over voltage cut-off	4.35V	activate final fuse (per cell)		
non resettable temperature protection	n/a			
Connector	JST	ACHFR-03V-H	Pin1	Bat+
			Pin2	NTC
			Pin3	GND
Cable Length	124mm	± 5mm		
Weight	23g	± 2g		
Watt-hour rating	3.7Wh	acc. to UN38.3 TSR		

## Charging method

CC/CV Charger with NTC temperature control

- 1) below 0°C with limited performance data (voltage drop, current output and available capacity)
- 2) Recommended Charge Voltages: Medical applications = 4.1V; Standby / UPS = 4V
- 3) Cell surface temperature, not ambient
- 4) 4) UL conditions of acceptability to be consider in end application