

PA-L2304.R002



*picture only for reference

Dimensions

Length	41mm
Width	43.5mm
Height	6.5mm



IEC62133-2:2017



MH45979⁴⁾

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 ²⁾	
Charge current	standard	0.2A 0°C < T < 45°C ³⁾	
	rapid	1A 0°C < T < 45°C ³⁾	
Discharge	standard	0.2A -20°C < T < 60°C ^{1) 3)}	
	max cont.	2A -20°C < T < 60°C ^{1) 3)}	
	max peak	3A 0°C < T < 40°C ³⁾ 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

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