

# PA-L2431



\*Picture only for reference

## Dimensions

Length	72,50mm	+/- 0,5mm
Width	25,25mm	+/- 0,5mm
Height	22,00mm	+/- 0,5mm



IEC62133-2:2017



MH45979

## Data for Pack

Nominal voltage	3.635V	2.5V - 4.2V (usable voltage range)	
Nominal capacity	3.4Ah	typical 3,5Ah	
Used cell in pack	1pcs	18650 Li-Ion cell	
Internal resistance pack	180mΩ	±20%	
Charge voltage	4.2V	max <sup>2)</sup>	
Charge current	standard	0.67A      0°C < T < 45°C <sup>3)</sup>	
	rapid	1.6A      0°C < T < 45°C <sup>3)</sup>	
Discharge	standard	0.67A      -20°C < T < 60°C <sup>1) 3)</sup>	
	max cont.	2.5A      -20°C < T < 60°C <sup>1) 3)</sup>	
	max peak	3A      0°C < T < 40°C <sup>3)</sup> t < 5ms	
Over Voltage Cut-off (per cell)	4.28V	safety unit cut-off	
Over Voltage release (per cell)	4.18V		
Under Voltage Cut-off (per cell)	2.8V	typical @Ta 25°C; recovery = charger connect	
Discharge current protection	>3A	typical @Ta 25°C; recovery = load remove	
Charge current protection	>2.A	typical @Ta 25°C; recovery = charger remove	
load short circuit protection	40A	typical @Ta 25°C; max 300μs	
non resettable current fuse	3A		
NTC	10KOhm @25°C	Murata NXFT15XH103FEAB030	
Connector	TE Connectivity	1932869	Pin1    BAT+    Pin4    GND
			Pin2    NTC    Pin5    SDA
			Pin3    GND    Pin6    SCL
Hardcase housing	PC/ABS	flammability UL94V-0	
Weight	67g	± 5g	
Watt-hour rating	12.36Wh	acc. to UN38.3 TSR	

## Charging method

CC/CV Charger with NTC temperature control

- 1) below 0°C with limited performance data (current output and available capacity)
- 2) Recommended Charge Voltages: Medical applications = 4.1V; Standby / UPS = 4,0V
- 3) Cell surface temperature, not ambient