

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 ²⁾				
Charge current	standard	0.67A 0°C < T < 45°C ³⁾				
	rapid	1.6A 0°C < T < 45°C ³⁾				
Discharge	standard	0.67A -20°C < T < 60°C ^{1) 3)}				
	max cont.	2.5A -20°C < T < 60°C ^{1) 3)}				
	max peak	3A 0°C < T < 40°C ³⁾ 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