

PA-L27.R005



Dimensions

Length	55.1	± 1 mm
Width	18.2	± 1 mm
Height	72.2	± 1 mm

Data for Pack

Nominal voltage	10.8V	8.25V - 12.6V			
Nominal capacity	2250mAh	typical (rated 2100mAh)			
Used cell in pack	3pcs	Panasonic UR-18650A			
Internal resistance pack	140mΩ	±10%			
Max charge voltage	12.6V				
Charge current	standard	650mA	0°C < T < 40°C		
	rapid	1500mA	0°C < T < 40°C		
Discharge	standard	650mA	-20°C < T < 60°C 1)		
	max. cont.	3000mA	-20°C < T < 45°C (limited by connector) 1)		
	max. peak	8000mA	-20°C < T < 45°C t < 1ms 1)		
Short circuit current	≤40A	< 300μs			
NTC	10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K			
Connector	JST	XHP-3	Pin1	GND	black
			Pin2	NTC	yellow
			Pin3	Vbat+	red
Cable Length	45 mm	± 5 mm			
Weight	ca. 142g	± 5 g			
Watt-hour rating	22.8Wh	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	4.35V	± 0.025V
	release	4.15V	± 0.050V
under voltage (per cell)	cut off	2.40V	± 0.080V
	release	3.00V	± 0.100V
Current Limit 1 by SU		4A ± 0.5A	10ms ± 5ms
Current Limit 2 by SU		10A ± 2A	1ms ± 0.6ms
short circuit protection		24A ± 6A	300μs ± 200μs
Power consumption	active	135μA	max.
	shutdown	30μA	max. (shutdown when Ucell < 2.4V)

Recommended Charger

C-LIO-3SN12-1,8M-DIN4-P-NG.R001