

# PA-L1022.R021



## Dimensions

Length	148	± 1mm
Width	61	± 1mm
Height	98	± 1mm

## Data for Pack

Nominal voltage	25.2V	21V - 29.4V				
Nominal capacity	8400mAh	typical				
Used cell in pack	21pcs	18650 2,9Ah				
Internal resistance pack	160mΩ	±10%				
Charge voltage	29.4V	max (via external charger)				
Charge current	1A	0°C < T < 45°C internal charger, input 15V - 30V DC to Pin9				
	max 5A	0°C < T < 45°C external charger via pack + and GND contacts				
Discharge	standard 5A	-20°C < T < 60°C <sup>*1)</sup>				
	max cont. 13A	-20°C < T < 60°C <sup>*1)</sup>				
	max peak 30A	10°C < T < 45°C t < 10ms <sup>*1)</sup>				
Short circuit current	≤ 100A	≤ 100μs				
NTC	10kΩ	Tolerance ±3%; B-value 25°C/85°C = 3980K				
Connector	AMP	Val-U Lok	1: GND	4: I <sup>2</sup> C Data	7: Pack+	10: NTC
			2: GND	5: I <sup>2</sup> C Clock	8: Pack+	
			3: GND	6: Pack+	9: DC IN	
Cable Length	n/a					
Weight	1290g	±30g				
Watt-hour rating	205.8Wh	acc. to UN38.3 Certificate				

\*1) discharge in ambient temperatures lower than 0°C will result in limited performance in current output and usable capacity

## Limitations by Safety Unit (SU) @ Ta 25°C

over voltage (per cell)	cut off	4200mV	±25mV
	release	4100mV	±50mV
under voltage (per cell)	cut off	3000mV	±80mV
	release	3100mV	±80mV
Current Limit 1 by SU	>13.5A	t > 10s typical	
Current Limit 2 by SU	>30A	t > 50ms (typical)	
short circuit protection	>100A	t > 100μs	
Power consumption	active	25mA	max
	sleep	200μA	±20μA