

# PA-L2017.R003



\*picture only for reference

## Dimensions

Length	147.68mm
Width	62.34mm
Height	96.9mm

## Data for Pack

Nominal voltage	3.6V	2.5V - 4.2V		
Nominal capacity	52.2Ah	typical		
Used cell in pack	18pcs	Panasonic NCR-18650TD		
Internal resistance pack	30mΩ	±10%		
Charge voltage	4.2V	max <sup>2)</sup>		
Charge current	standard	2A	10°C < T < 45°C <sup>3)</sup>	
	rapid	5A	10°C < T < 45°C <sup>3)</sup>	
Discharge	standard	10.4A	-20°C < T < 60°C <sup>1) 3)</sup>	
	max cont.	25A	-20°C < T < 60°C <sup>1) 3)</sup>	
	max peak 1	50A	0°C < T < 40°C <sup>3)</sup> t < 5ms	
	max peak 2	30A	0°C < T < 40°C <sup>3)</sup> t < 0.2ms	
Over Voltage Cut-off (per cell)	4.75V	safety unit cut-off		
Over Voltage release (per cell)	4.07V			
Under Voltage Cut-off (per cell)	2.3V	typical @Ta 25°C; recovery = charger connect		
Discharge current protection	>17A	typical @Ta 25°C; recovery = load remove		
load short circuit protection	>54A	typical @Ta 25°C; max 600μs		
non resettable current fuse	60A			
Connector	AMP	VAL-U-LOK	Pin 1/2/3	GND
			Pin 6/7	NTC
			Pin 4/5/9	BAT+
Cable Length	w/o			
Weight	1160g	± 5g		
Watt-hour rating	176.4Wh	acc. to UN38.3 TSR		

## Charging method

CC/CV Charger for 1 cell Li Ion

- 1) below 0°C with limited performance data (current output and available capacity)
- 2) Recommended Charge Voltage in Standby use 4V
- 3) Cell surface temperature, not ambient