

# PA-L1710.R001



## Dimensions

Length	245	± 0.5mm
Width	170	± 0.5mm
Height	72	± 0.5mm

\*Picture only for reference, LED Display optional

## Data for Pack

Nominal voltage		25.2V	21.9V - 29.4V			
Nominal capacity		29Ah	typical (27.5Ah minimum)			
Used cell in pack		70 pcs	Panasonic NCR 18650			
Internal resistance pack		60mΩ	±10%			
Charge voltage		29.4V	max			
Charge current	standard	5A	10°C < T < 45°C			
	rapid	9A	10°C < T < 45°C			
Discharge	standard	5A	-20°C < T < 60°C *1)			
	max. cont.	25A	0°C < T < 45°C			
	max. peak	60A	0°C < T < 45°C			
Short circuit current		≤100 A	< 100μs			
NTC		10kΩ	Tolerance 5%; B-value 25°C/85°C = 3980K			
Connector	AMP	VAL-U-LOK	Pin 1,2,3	GND	Pin 6,7,8	Pack+
			Pin4	I <sup>2</sup> C Data	Pin 9	Internal charger
			Pin5	I <sup>2</sup> C Clock	Pin 10	NTC
Cable Length		n/a				
Weight		4.6kg	± 50g			
Watt-hour rating		686Wh	acc. to UN38.3 Certificate from cell			

\*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	± 50mV
	release	4100mV	± 50mV
under voltage (per cell)	cut off	3000mV	± 50mV
	release	3100mV	± 50mV
Current Limit 1 by SU		> 26	t = 1000ms
Current Limit 2 by SU		> 60A	t = 10ms
short circuit protection		> 100A	t = 100μs
Power consumption	active	20mA	max
	power down	300μA	max

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