

# PA-LEP1015.R001



## Dimensions

Lenght	74mm	± 1mm
Width	37.5mm	± 0.5mm
Height	71.5mm	± 0.5mm

## Data for Pack

Nominal voltage		12.8V	11.2V - 14.4V			
Nominal capacity		3.6Ah	typical			
Used cell in pack		8pcs	HTCFR18650-1800mAh-3.2V			
Internal resistance pack		230mΩ	±10%			
Charge voltage		14.4V	max			
Charge current	standard	1.8A	0°C < T < 45°C			
	rapid	3A	0°C < T < 45°C			
Discharge	standard	1.8A	-20°C < T < 60°C <sup>1)</sup>			
	max. cont.	3A	-20°C < T < 60°C <sup>1)</sup>			
	max. peak	10A	-20°C < T < 60°C <sup>1)</sup> t < 0.5ms			
Short circuit current		63A	< 732μs			
Connector	JST	XHP-4	Pin1	Pin2	Pin3	Pin4
			Bat+	SDA	SCL	GND
Cable Length		45mm	±5mm			
Weight		175g	± 5g			
Watt-hour rating		46.08Wh	acc. to UN38.3 Certificate from cell			

1) below 0°C with limited performance in current output and available capacity

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

over voltage (per cell)	cut off	3.70V	± 0.05V
	release	3.32V	± 0.05V
under voltage (per cell)	cut off	2.40V	± 0.05V
	release	2.70V	± 0.05V
Current Limit 1 by SU DSG		4.28A	continous
Current Limit 2 by SU DSG		6.00A	< 1s
Current Limit 3 by SU DSG		8.00A	< 20ms
Current Limit 4 by SU DSG		12.5A	< 0.732ms
Current Limit 1 by SU CHG		3.33A	continous
Current Limit 2 by SU CHG		4.50A	< 0,750s
Current Limit 3 by SU CHG		5.00A	<0,427ms
Power consumption	active	450μA	max.
	shutdown	1.5μA	max.

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty. No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data.

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