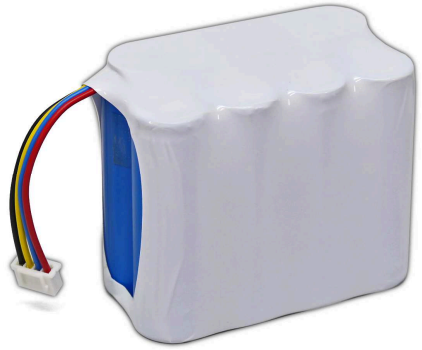
PA-LEP1015.R001



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	1)						
	max. cont.	3A	-20°C < T < 60°C	1)						
	max. peak	10A	-20°C < T < 60°C	1)	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.

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