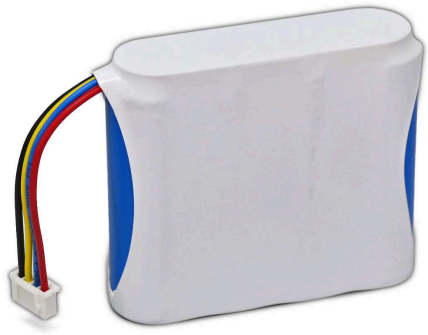
PA-LEP1014.R001



Dimensions

Lenght	74mm	± 1 mm
Width	18.6mm	± 1 mm
Height	71.5mm	± 1 mm

Data for Pack			
Nominal voltage		12.8V	10V - 14.4V
Nominal capacity		1.8Ah	typical
Used cell in pack		4pcs	HTCFR18650-1800mAh-3.2V
Internal resistance pack		280mΩ	±10%
Charge voltage		14.4V	max
Charge current	standard	0.9A	0°C < T < 45°C
	rapid	1.8A	0°C < T < 45°C
Discharge	standard	0.9A	-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		52A	< 732µs
Connector	JST	XHP-4	Pin1 Pin2 Pin3 Pin4 / Bat+ SDA SCL GND
Cable Length		45mm	±5mm
Weight		175g	± 5g
Watt-hour rating		23.04Wh	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.

For more information and contact details of local suppliers, please visit CELLTECH-GROUP.COM

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