

# PA-LEP1016.R001



## Dimensions

Length	109mm
Width	26.7mm
Height	75.8mm

## Data for Pack

Nominal voltage	12.8V	10V - 14.4V						
Nominal capacity	3.6Ah	typical						
Used cell in pack	4pcs	HTCFR26650-3600mAh-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	6A	-20°C < T < 60°C <sup>1)</sup> t < 1s					
Short circuit current	63A	< 732μs						
Connector	JST	EHR-4	Pin1	Pin2	Pin3	Pin4		
			Bat+	SDA	SCL	GND		
Cable Length	70mm	±5mm						
Weight	180g	± 5g						
Watt-hour rating	48.64Wh	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
Charge Overcurrent 1		3.5A	4s
Charge Overcurrent 2		4.5A	750ms
Discharge Overcurrent 1		4.5A	16s
Discharge Overcurrent 2		6A	1s
Power consumption	active	150μA	max.
	power down	5μA	max.

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

2) If used in backup applications, do not apply continuous charge (trickle charge) method

3) Cell surface temperature