

PA-L2393.R001



Dimensions

Length	80mm	± 1mm
Width	67mm	± 1mm
Height	27.8mm	± 1mm

Data for Pack

Nominal voltage	14.4V	10.8V - 16.8V				
Nominal capacity	3500mAh	typical (3300mAh rated)				
Used cell in pack	4pcs	LG Chem INR-18650MJ1				
Internal resistance pack	160mΩ	±10%				
Charge voltage	16.8V	max				
Charge current	standard	1.675A 0°C < T < 45°C ²⁾				
	rapid	3A 0°C < T < 45°C ²⁾				
Discharge	standard	0.67A -20°C < T < 60°C ^{1), 2)}				
	max. cont.	3A -20°C < T < 60°C ^{1), 2)}				
	max. peak	12A -20°C < T < 60°C t < 5ms ^{1), 2)}				
Short circuit current	65A	< 300μs				
NTC (external)	n/a	temp measurement via SBS Data				
Connector	JST	XHP	Pin1	Bat+	Pin4	GND
			Pin2	SMBC		
			Pin3	SMBD		
Cable Length	100mm	± 10mm				
Weight	ca. 220g	± 5g				
Watt-hour rating	50.4Wh	acc. to UN38.3 Certificate from cell				

1) below 0°C with limited performance in current output and available capacity 2) Cell temperature, not ambient temperature

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

over voltage (per cell)	cut off	4210mV	± 25mV
	release	4100mV	± 25mV
under voltage (per cell)	cut off	2700mV	± 25mV
	release	3200mV	± 25mV
Current Limit 1 by SU		5.5A	continuous
Current Limit 2 by SU		12A	10 ms
short circuit protection		60A	300 μs typical
Power consumption	active	< 200 μA	250μA max
	shutdown	< 75μA	85μA max

Recommended Charger

CC / CV Smart Charger