

PA-L746.R002



A part of Celltech Group



Dimensions

Length	67	±1mm
Width	19	±0.5mm
Height	40.5	±0.5mm

Data for Pack

Nominal voltage		3.6V	3V - 4.2V
Nominal capacity		4.4Ah	typical (4.2Ah minimum)
Used cell in pack		2pcs	LG INR 18650S3
Internal resistance pack		130mΩ	±10%
Max charge voltage		4.2V	
Max charge voltage	standard	0.5A	0°C < T < 40°C
	rapid	2A	10°C < T < 40°C
Discharge	standard	0.43A	-20°C < T < 60°C
	max. cont.	3A	-20°C < T < 60°C
	max. peak	5A	-20°C < T < 60°C t < 20ms
Short circuit current		< 33A	< 300μs
Gas Gauge IC		Texas Instruments	BQ27742
Connector	JST	XHP4	Pin1: GND PIN2: Bat+ Pin3: SCL Pin4: SDA
Cable Length		100mm	±10mm
Weight		ca. 90g	±5g
Watt-hour rating		15.84Wh	acc. to UN38.3 Certificate from cell

*discharge below 0°C will result in limited discharge performance and usable capacity

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

over voltage (per cell)	cut off	4.275V	±0.025V
	release	4.115V	±0.05V
under voltage (per cell)	cut off	2.4V	±0.08V
	release	3V	±0.1V
Current Limit 1 by SU		> 4.35A	31ms typical
Current Limit 2 by SU		> 7.3A	312μs typical
short circuit protection			implemented in safety unit
Power consumption	active	200μA	max.
	shutdown	< 10μA	max.

Recommended Charger

CC/CV Smart Charger