

# PA-L746.R002



## 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

The data in this datasheet document are for information and descriptive purposes only and are not to make or imply any guarantee or warranty. No guarantee for zero failure status of given information inside this document. Please see/request detailed specification for finally valid data.

For more information and the contact details of the local suppliers, please visit [CELLTECH-GROUP.COM](http://CELLTECH-GROUP.COM)