

GS2037BL 7.2V / 2600mAh / 18.72Wh

Standard smart lithium battery pack

Feature

- Standard SMBus v1.1 interface.
- High precision Fuel gauge.
- JEITA charging optimization rules.
- Certification compliance in most countries.
- Integrated LED state of charge (SOC) indicator.
- Balance function, effectively improve battery life.
- Full safety protection functions, such as over voltage, over current, reverse connection protection, etc.



Application

- Portable equipment, Industry and medical field.

Information

Factory capacity	20%~30%
Certification	CE / FCC / IEC62133 / UN38.3 / RoHS / PSE / UKCA
Operating temperature	0 °C -50°C (Charge) -20°C -60°C (Discharge)
Storage temperature	-20°C -50°C (Maximum) -20°C -25°C (Recommend)

Electrical

Rated voltage	7.2V
Minimum capacity	2500mAh
Rated capacity	2600mAh
Internal resistance	<200mQ@1kHz at 25°C
Maximum charging current	2.6A (45°C > T ≥ 10°C)
Maximum charging voltage	8.4V
Maximum discharge current	4.0A
Cycle life	1000 cycles ≥ 80% Rated capacity

Dimensions

Length	85.0mm ± 0.3mm
Width	42.0mm ± 0.3mm
Thickness	22.4mm ± 0.3mm
Weight	122g ± 5g

Interface

