

GS2040IM

Standard smart lithium battery pack 10.8V/9300mAh/97.2Wh



Feature

- Certification compliance in most countries.
- Standard SMBus v1.1 interface.
- Integrated LED state of charge (SOC) indicator.
- JEITA charging optimization rules.
- Comprehensive safety protection functions, such as overcharge, over-discharge, overcurrent, overtemperature, short circuit, etc.
- Balance function, effectively improve battery life.
- High precision Fuel gauge.

Application

Suitable for portable electronic equipment, industry and medical field.

Information

Factory capacity	20%~30%
Certification	CE/FCC/IEC62133/UN38.3
Operating temperature	0°C~50°C (charge) -20°C~60°C (discharge)
Storage temperature	-20°C~50°C (Maximum) -20°C~25°C (recommend)

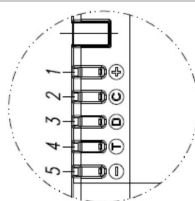
Electrical parameters

Rated voltage	10.8V
Rated capacity	9000mAh
Nominal capacity	9300mAh
Internal resistance	< 200mΩ@1kHz at 25°C
Maximum charging current	5.0A
Maximum charging voltage	12.6V
Maximum discharge current	8.0A
Cycle life	1000 cycles ≥ 70% Rated capacity (Charge: 0.5C, 12.60V, 465mA cut-off. Discharge: 1C 9.00V cut-off.)

Dimensions

Length	214.0mm ± 0.3mm
Width	58.5mm ± 0.3mm
Thickness	22.0mm ± 0.3mm
Weight	500g±10g

Interface



PIN定义说明:

1	2	3	4	5
P+	SCL	SDA	T	P-