

GS2040FH

Standard smart lithium battery pack 10.8V/6900mAh/71.28Wh



Feature

- Certification compliance in most countries.
- Standard SMBus v1.1 interface.
- Integrated LED state of charge (SOC) indicator.
- Panasonic cells, highest energy density and stability.
- 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/UL2054/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 parameters

Rated voltage	10.8V
Rated capacity	6600mAh
Nominal capacity	6900mAh
Internal resistance	< 200mΩ@1kHz at 25°C
Maximum charging current	4.8A
Maximum charging voltage	12.6V
Maximum discharge current	8.0A
Cycle life	300 cycles ≥ 80% Rated capacity

Dimensions

Length	150.0mm ± 0.3mm
Width	58.5mm ± 0.3mm
Thickness	22.0mm ± 0.3mm
Weight	350g±10g

Interface

