

## Model: GS2054DH

14.4V/3300mAh/47.52Wh



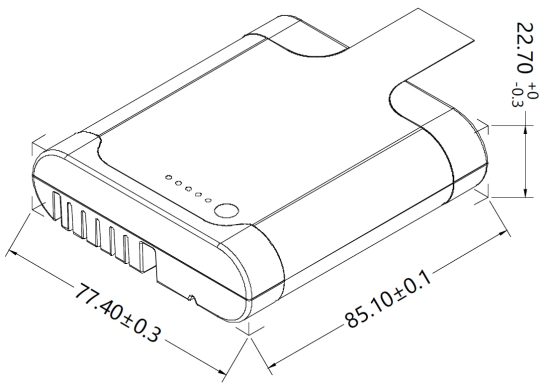
### ■ Features

- Compliant SMBus v1.1 Smart Battery specification
- Compliant with worldwide regulations and certifications
- Integrated LED RSOC indicator
- Comprehensive protection functions
- Integrated balancing function effectively improves battery life
- Fuel gauge accuracy up to 1%

### ■ Application

Portable electronics, medical equipment, ruggedized computers, embedded systems, etc.

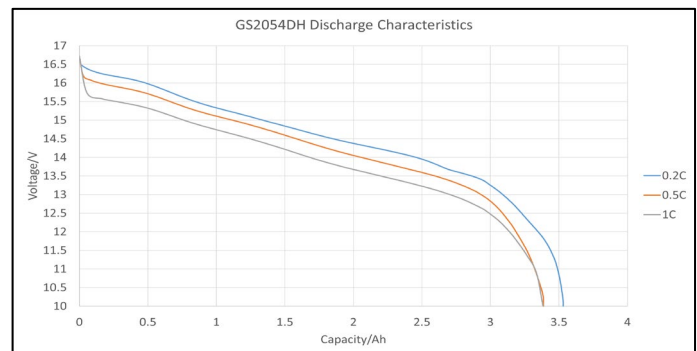
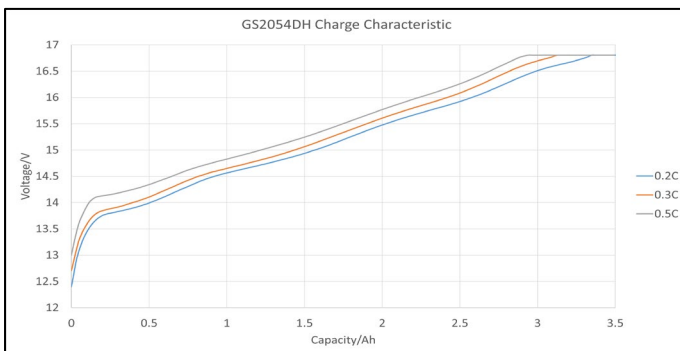
### ■ Dimension drawing (Unit: mm)



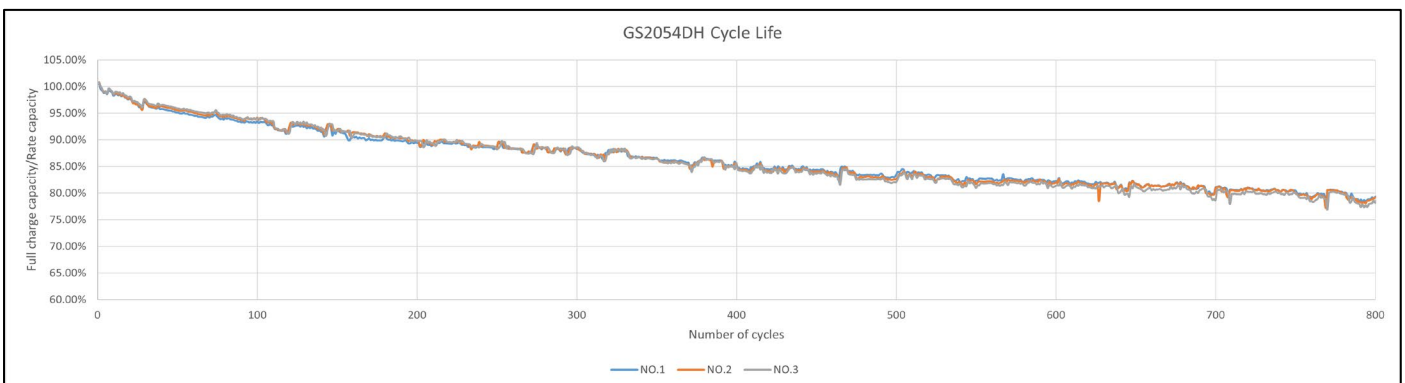
### ■ Key parameters

Rated voltage	14.4V
Rated capacity	3.3Ah
Nominal capacity	3.45Ah
Charging temperature	0°C~50°C
Discharge temperature	-20°C~60°C
Max charging voltage	16.8V
Max charging current	1.65A
Max discharge current	4.0A
Cycle life	500 cycles, ≥80%
Internal resistance	<200mΩ
Weights	235g±10g
Interface	+/C/D/T/-

### ■ Charge and Discharge Characteristics



### ■ Cycle life



## ■ Selection Of Accessories

Recommended	Categories	Models	Purpose
	<b>Battery Connector</b>	GSC550M18012D GSC550M09010D	Mating male connector for 180° or 90° PCB mounting on the host side
	<b>Battery Connector Board</b>	GSCBB	Connection plate mounted in the unit's battery compartment
	<b>Battery Adapter Cable</b>	GSSBC	Suitable for standard smart battery connection
	<b>SMBus Reader</b>	GSSBR	Quick readout of battery data and status without external power supply, a simple and effective R&D tool
	<b>Battery Power Management Board</b>	GSPMBSMbus	Buck charging of batteries and seamless switching between mains and battery power
	<b>Battery Power Management Board</b>	GSPMB20	Boost or buck charging of batteries and seamless switching between mains and battery power, using multiple GSPMB20s to support parallel powering of battery packs
	<b>Portable Battery Charger</b>	GSCH054D	Lightweight, small volume. Efficient and fast charging. Compatible with GSX054 series batteries.
	<b>Single Charger</b>	GSCH40	SMBus V1.1 compliant, compatible with all TEFOO standard smart battery packs
	<b>Dual Charger</b>	GSCH4040	SMBus V1.1 compliant, compatible with all TEFOO standard smart battery packs

## ■ Relevant Certification

UN38.3	REACH	FC	UK CA	PS E		
GB/T 28164-2011						

\* Please confirm the authentication status of the gray dotted box with our business personnel.