

BATTERY

GP-5121000-NLST



Lithium Battery
51.2V,100Ah



Features

This series is a complete solution for the lithium iron phosphate battery system for the home energy storage field. There are three types of wall-mounted, vertical structures and rack. The system is safe and reliable. It can be used in home storage, industrial and commercial energy storage and other fields.

Product Features



Safe, reliable and long life



Dynamic identification, automatic paralleling, no need for DIP switches



Support Bluetooth, mobile APP switching PCS protocol



Flexible expansion, the number of parallel machines supports up to 15



Support PV and GEN



Visualization, LCD screen display



Supports mixed parallel of old and new batteries



Remote intelligent upgrade maintenance

Compatible With Inverter Brands

MACQUARIE

SOROTEC

GROWATT

DEYE

VITVON

SERMATEC

LUXPOWER

GSSTES

SMA

GOODWE

SREN

HuiNeng

iYPower

OUKITEL

ROBOROCK

Sunsunk

Voltronic

Pylontech

MustPower

SAKO

Senergy

Felicity

KSTAR

Solis

GREAT POWER FROM GOGO POWER

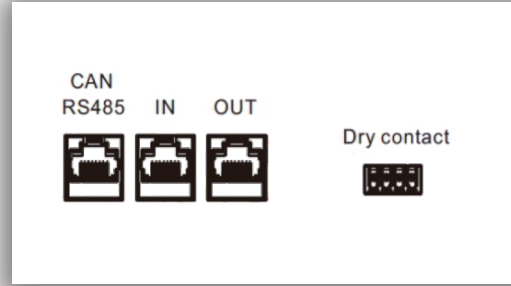
BATTERY

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System Specifications



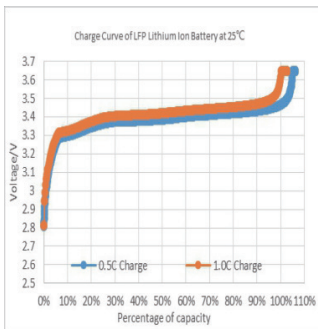
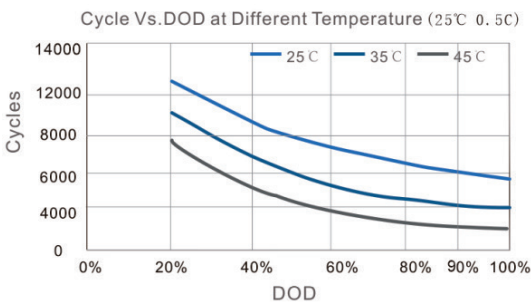
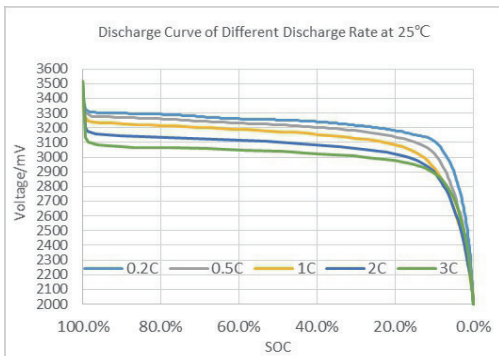
- MENU
- ENTER
- DOWN
- ESC



Battery communication interace preview

With process improvements and product upgrades, the product parameters are subject to change without prior notice

Cell Characteristic curve



Model	GP-5121000-NLST
Voltage(V)	43.2~58.4V
Cell	3.2V100Ah
Model	16S1P
Number of parallel machines	15PCS
Nominal voltage(V)	51.2
Nominal Capacity(Ah)	100
Nominal Energy(kWh)	5.12
Maximum power output(kWh)	3.84
Maximum discharge current(A)	75
Maximum charging current(A)	50
Cut-off voltage(V)(recommend)	40(47)
Maximum charge voltage(V)(recommend)	58.4(57)
Cycles(25°C)	0.5C, DOD%90, 6000C
Designlife	15years (25°C, 0.5C)
Charging temperature(°C)	0~55
Discharge temperature(°C)	-20~55
Operating humidity	<95%R.H
Communication mode	CAN/RS485
Dry contact	Customized by demand
Optional modules	Bluetooth,4G module
Product size(W*D*H,mm)	430*442*177
Packing size(W*D*H,mm)	535*527*290
Protection class	IP21
System weight(kg)	Approx 45.9