

PS-5121000-NLST

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

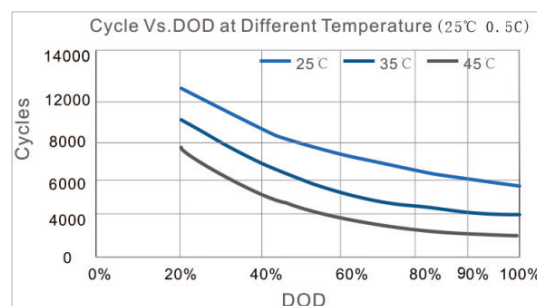
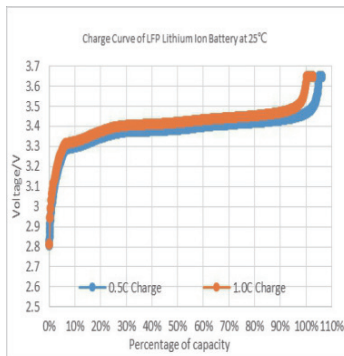
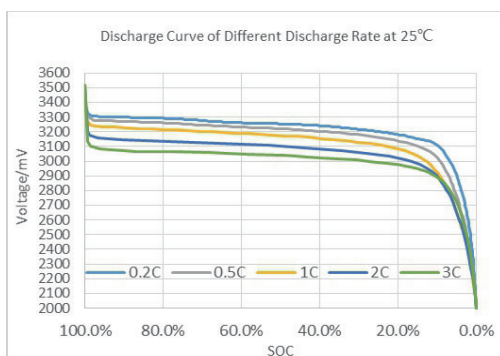
Compatible With Inverter Brands

MACQUARIE	SOROTEC	GROWATT	DEYE	VITVON	SERMATEC	LUXPOWER	GSSTES
SMA	GOODWE	SREN	HuiNeng	iYPower	OUKITEL	ROBOROCK	Sunsunk
Voltronic	Pylontech	MustPower	SAKO	Senergy	Felicity	KSTAR	Solis

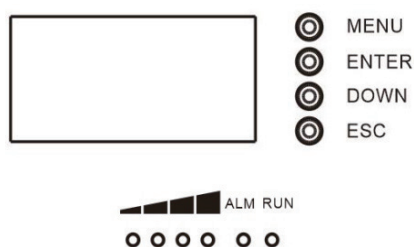
Technical Specifications

Cell characteristic curve

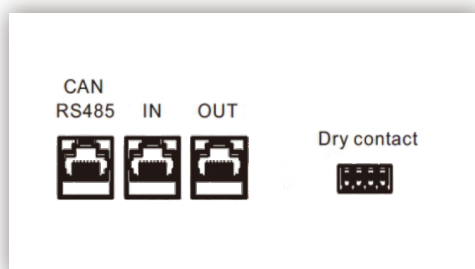
With process improvements and product upgrades, the product parameters are subject to change without prior notice



System Specifications



Panel silkscreen preview



Battery communication interface preview

Model	PS-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)	40
Maximum charge voltage(V)	58.4
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