

# POWER SOLID LITHIUM BATTERY

PS-5123140-NLVT

# 51.2 v 314 Ah

## Features

- ▶ This series is a complete solution for lithium iron phosphate battery systems for 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 tchesforDIP switches



Support Bluetooth, mobile APP switching PCS Protocol



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



CAN/RS485/ LAN interface



Visualization, LCD screen display



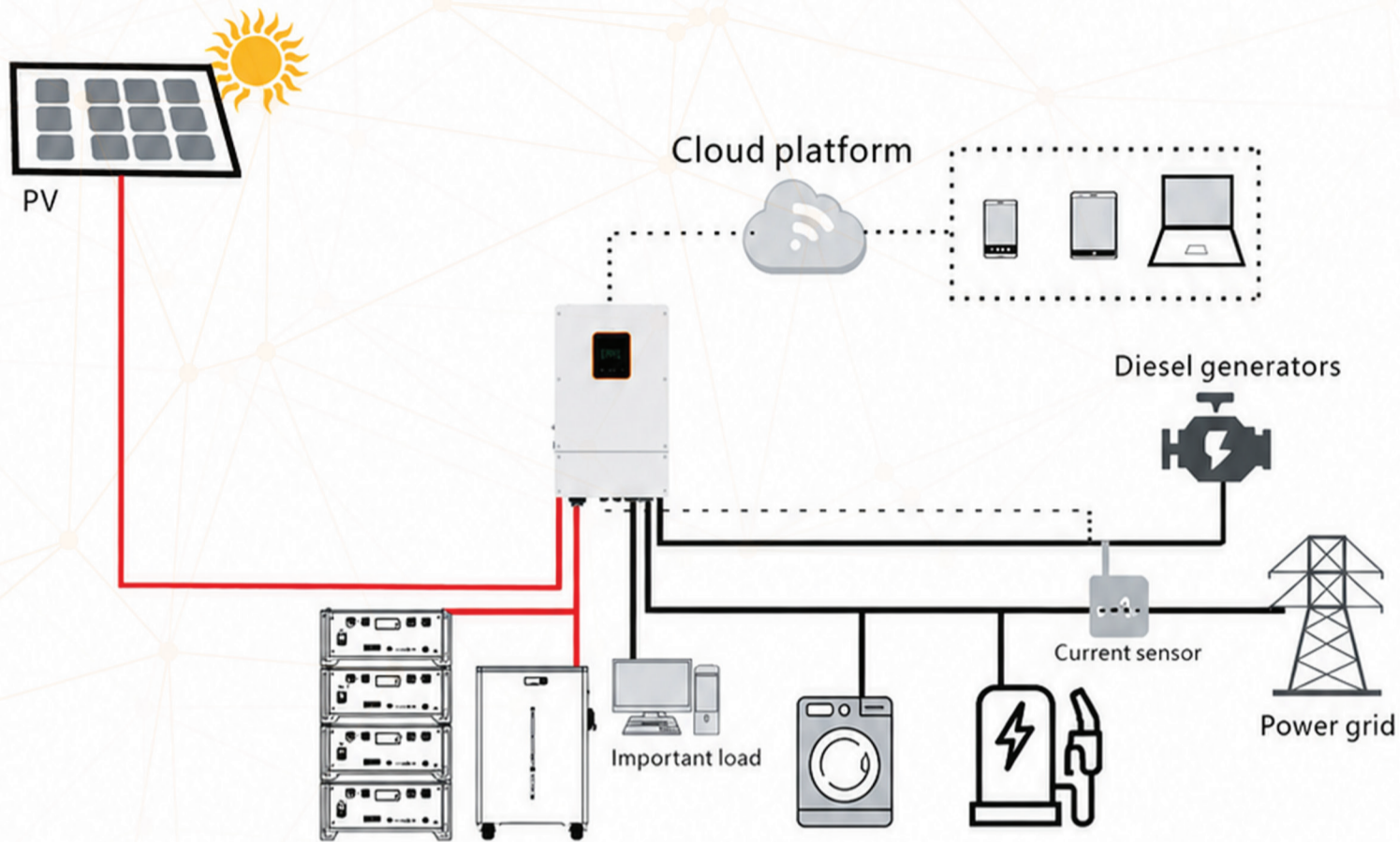
Supports mixed parallel of old and new batteries



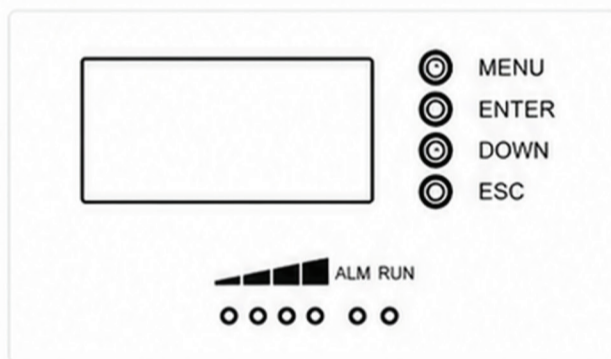
Efficient operation and maintenance

## Compatible With Inverter Brands

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



## System Specifications



Panel silkscreen preview



Battery communication interface preview

Model	PS-5123140-NLVT
Voltage(V)	43.2~58.4V
Cell	3.2V314Ah
Number of parallel machines	15PCS
Nominal voltage(V)	51.2
Nominal Capacity(Ah)	314
Nominal Energy(kWh)	16.07
Maximum power output(kWh)	7.6
Maximum discharge current(A)	150
Maximum charging current(A)	120
Recommended discharge voltage(Min)(V)	40
Recommended charging voltage (Max) (V)	58.4
Cycles(25°C,0.5C,90%DOD)	≥6000
Design life(25°C,0.2C)	10 years
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
Product size(W*D*H,mm)	710*510*230
Packing size(W*D*H,mm)	800*590*420
Protection class	IP21
System weight(kg)	Approx 137.9