

BR-5122800-LVT

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



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

SOROTEC

GROWATT

DEYE

VITVON

SERMATEC

LUXPOWER

GSSTES

SMA

GOODWE

SREN

HuiNeng

iYPower

OUKITEL

ROBOROCK

Sunsunk

Voltronic

Pylontech

MustPower

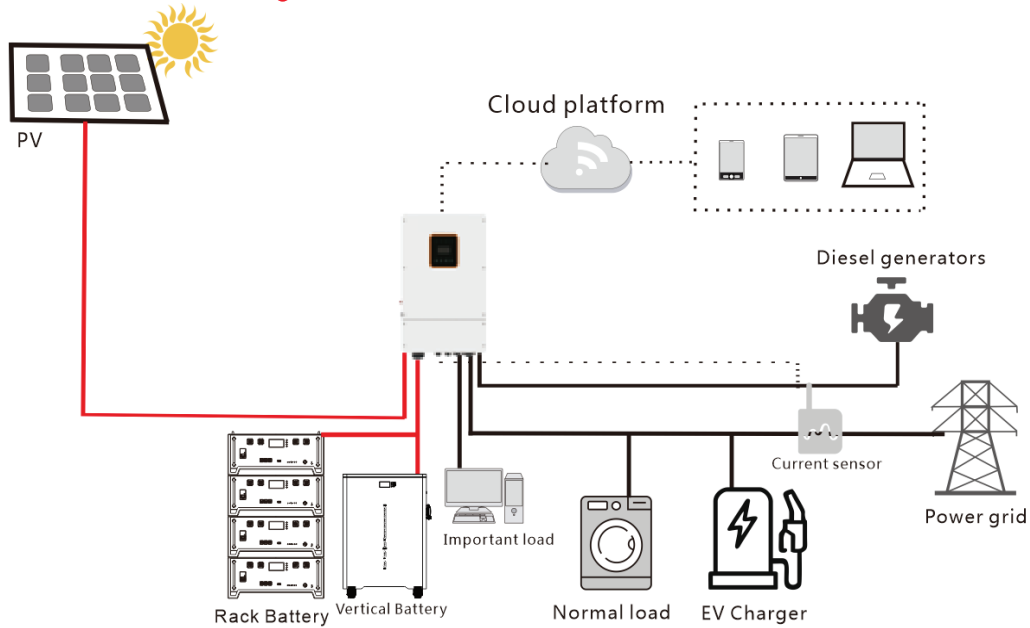
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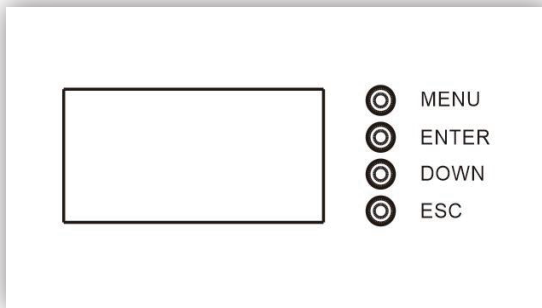
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KSTAR

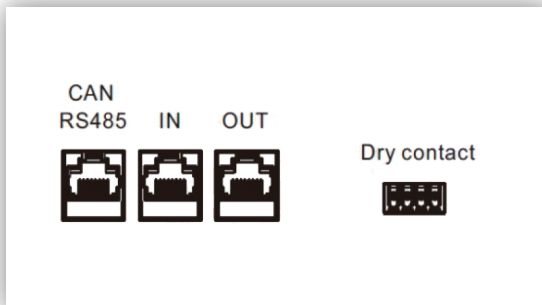
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System Specifications



Panel silkscreen preview



Battery communication interface preview

Model	BR-5122800-LVT
Voltage(V)	43.2~58.4V
Cell	3.2V280Ah
Number of parallel machines	15PCS
Nominal voltage(V)	51.2
Nominal Capacity(Ah)	280
Nominal Energy(kWh)	14.33
Maximum power output(kWh)	8.7
Maximum discharge current(A)	170
Maximum charging current(A)	120
Cut-off voltage(V)	48(40)
Maximum charge voltage(V)	56(58.4)
Cycles(25°C)	≥8000
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)	760*560*230
Packing size(W*D*H,mm)	885*640*290
Protection class	IP21
System weight(kg)	Approx 120