

LSHE Energy Storage System RPI Series



RPI Series is a unit integrated with battery and inverter. Combined with PV or state grid, this system is dedicated to provide a complete solution for residential application. User-friendly, multi-working modes, smart control and flexible adjustment, managing the charging and discharging of electricity. Reduce electricity cost through “peak-cutting and filling valley”. Applicable to residential, public facility, small factories etc.

Features:

System integration

- Stackable modular design for flexible displacement
- Outdoor design, applicable to indoor/outdoor installation
- Furniture design style
- Highly integrated system, easy for installation and operation

Control system

- Microgrid design concept for optimizing the usage of electricity
- Smart control such as APP, to meet flexible electricity demand
- Compatible with different PV system
- Seamless switch between grid-on/off

Application

- Back up power supply when utility shutoff.
- With PV DC port, save the PV inverter
- Hybrid system with diesel generator
- Peak-cutting and Filling-valley, to reduce electricity cost
- Support multi-units in parallel

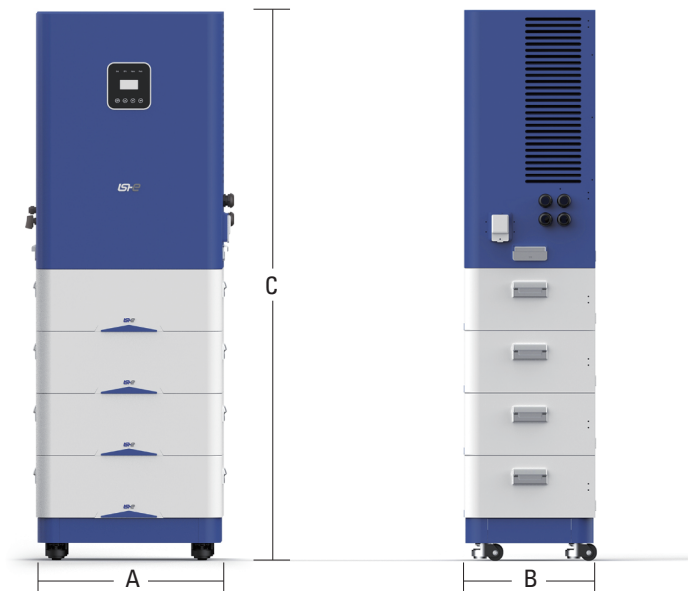


Specification:

Model	RPI-LV510S	RPI-LV515S	RPI-LV520S	RPI-LV525S	RPI-HV1020T	RPI-HV1025T
Maximum KWH (kWh)	10.24	15.36	20.48	25.6	20.48	25.6
Maximum Continuous (kW)	5	5	5	5	10	10
Battery Type	LFP	LFP	LFP	LFP	LFP	LFP
Battery Pack Qty	2	3	4	5	4	5
Voltage Output (Vac)	220~240	220~240	220~240	220~240	360~440	360~440
Frequency Output (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Working Temp (°C)	-15~55	-15~55	-15~55	-15~55	-15~55	-15~55
IP Class	IP54	IP54	IP54	IP54	IP54	IP54
PV MAX Voltage Input (V)	145	145	145	145	1000	1000
PV MAX Power Input (kW)	4	4	4	4	13	13

Dimensions:

The actual size is subject to delivery



Dimensions	RPI-LV510S	RPI-LV515S	RPI-LV520S	RPI-LV525S	RPI-HV1020T	RPI-HV1025T
A - Length mm (in)	600 (23.6)	600 (23.6)	600 (23.6)	600 (23.6)	600 (23.6)	600 (23.6)
B - Width mm (in)	420 (16.5)	420 (16.5)	420 (16.5)	420 (16.5)	420 (16.5)	420 (16.5)
C - Height mm (in)	1,130 (44.5)	1,330 (52.4)	1,530 (60.3)	1,730 (68.2)	1,530 (60.3)	1,730 (68.2)
Weight kg (lbs)	164 (361)	218 (480)	272 (598)	326 (717)	299 (658)	353 (777)

* The picture may differ from real delivery

