

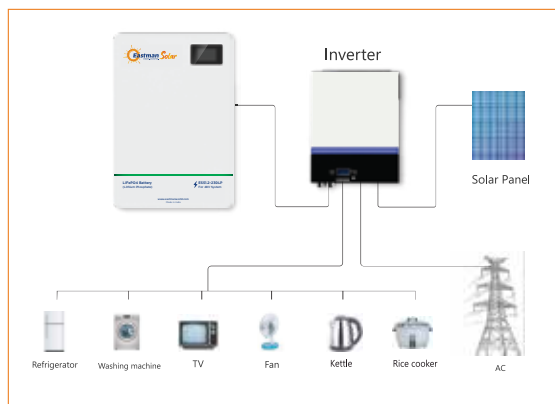
## RESIDENTIAL ES51.2V LiFePO4 (Lithium Phosphate) ENERGY STORAGE BATTERY

### Introduction

Upgrade your Energy Storage with our Lithium Phosphate Battery. Stay informed with real-time operation status via the LCD Screen, ensuring total control and efficiency for your power requirements.

**MADE IN INDIA**

### Connection Diagram



### Product Features

- Real-time monitoring of operation status by LCD Screen.
- Intelligent Air Cooling & Heat dissipation.
- RS485/CAN Communication for connecting more batteries in parallel.
- Installation option: Wall mount.

### Certifications



### Product Specifications

Model	ES51.2-100LP	ES51.2-230LP
Array Mode		16S
Nominal Energy (kWh)	5.1	11.7
Nominal Voltage (V)		51.2
Charge Voltage (V)		58.4
Discharge Cut-off Voltage (V)		42
Standard Charging Current(A)	20	46
Max. Continuous Charging Current (A)	100	200
Max. Continuous Discharging Current (A)	100	200
Cycle Life	6000 Cycles @80% DOD @25°C @0.2C/0.2C	
Communication Mode	RS485/CAN, RS232, RS485/RS485	
Parallel Connection	Yes, upto 15 units	
Operating Temp	Charging: 0~60°C; Discharging: -10°C~65°C	
Size(LxWxH) mm	560x470x170	670x485x244
Net Weight (kg)	~41	~93
Gross Weight (kg)	~43	~106
Warranty	5 Years	
Altitude	≤4000m	
Humidity	<90%RH	
Shelf Temperature	10°C~60°C	
Design Life	10+ Years at 25°C/77°F	