



## Stack LV Series

### Introduction

The Stack LV Series is a high performance battery system with a compact design and easy installation. It is especially suitable for applications of limited installation space, long service life and harsh environments. Multiple battery stacks can be connected in parallel to expand capacity and meet higher power demands.

### Features



#### High Performance

up to capacity 30kWh  
and power 15.36kW



#### Suitable for Outdoor Environment

enclosure rating IP65



#### Smart Energy Management

real time monitoring, and live  
communicaitons



#### Modular Design

expand capacity anytime and easily



#### 10 Years Warranty and Long Life

6000times @90%DOD



#### Wide Compatibility

compatible with most of invert-  
ers in the market

# Technical Specifications

Battery Model	Stack LV series				
	Battery Modules	2 modules	3 modules	4 modules	5 modules
Chemistry	LFP				
Nominal Voltage	51.2V				
Voltage Range	47.5V-57.6V				
Nominal Capacity	200Ah	300Ah	400Ah	500Ah	600Ah
Nominal Energy	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh
Dimension(W*D*H,inch)	26.0*8.7*28.4	26.0*8.7*38.2	26.0*8.7*48.0	26.0*8.7*57.9	26.0*8.7*67.7
Weight	282lbs	401lbs	520lbs	639lbs	758lbs
Standard Charge Current	100A	150A	200A	250A	300A
Maximum Charge Current	200A	300A	300A	300A	300A
Standard Discharge Current	100A	150A	200A	250A	300A
Maximum Discharge Current	200A	300A	300A	300A	300A
Round-Trip Efficiency	≥ 95%				
Communication Protocol	CAN/RS485				
Cycle Life	6000 Cycles @ 90% DOD				
Operating Temperature	-10°C~55°C				
Storage Temperature	Within 1month: -20~55°C, 1-3months: 0~35°C, 3-12months: 20~25°C				
Scalability	Units in parallel (245.76kWh)				
Ingress Protection	IP65				

## Mechanical drawing

Stacked LV Series can support up to 6 batteries connected in parallel

