

# Lithium Battery System For Energy Storage System

Lithium Battery System is composed of SP44 Series.  
It is very useful to expand capacity from KWh to MWh.

## Features

- High safety & energy density
- High efficiency & Longtime life
- Maintenance free
- Enhanced SOC algorithm
- Easy scalability of voltage & capacity
- Communication & monitoring
- 19" Rack-mount design

## Application

- Energy Storage System for Solar & Wind Power System.
- Backup System for IDC, BTS, UPS



### ■ LV Rack System

Model	LIB-R-02-1	LIB-R-04-1	LIB-R-06-1	LIB-R-07-1
Nominal Voltage	754.8Vdc	744.6Vdc	742.5Vdc	742.5Vdc
Energy	60.38kWh	84.88kWh	144.79kWh	174.65kWh
Capacity	80Ah	114Ah	195Ah	235.2Ah
Voltage Range	642~846Vdc			
Size(WHD)	520x1820x680	520x1820x680	545x1900x965	545x1900x965
Weight	About 720kg	About 720kg	About 1300kg	About 1300kg
Battery Module	SP44-20S-80	SP44-29E-114	SP44-33-195	SP44-41-235

- Product specifications and appearance are subject to change without notice.

### ■ HV Rack System

Model	LIB-R-02	LIB-R-04	LIB-R-06	LIB-R-07
Nominal Voltage	888Vdc	876Vdc	873Vdc	873Vdc
Energy	71.04kWh	99.86kWh	170.35kWh	205.47kWh
Capacity	80Ah	114Ah	195Ah	235.2Ah
Voltage Range	756~996Vdc			
Size(WHD)	520x2100x680	520x2100x680	545x2200x965	545x2200x965
Weight	About 810kg	About 810kg	About 1500kg	About 1500kg
Battery Module	SP44-20S-80	SP44-29E-114	SP44-33-195	SP44-41-235

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