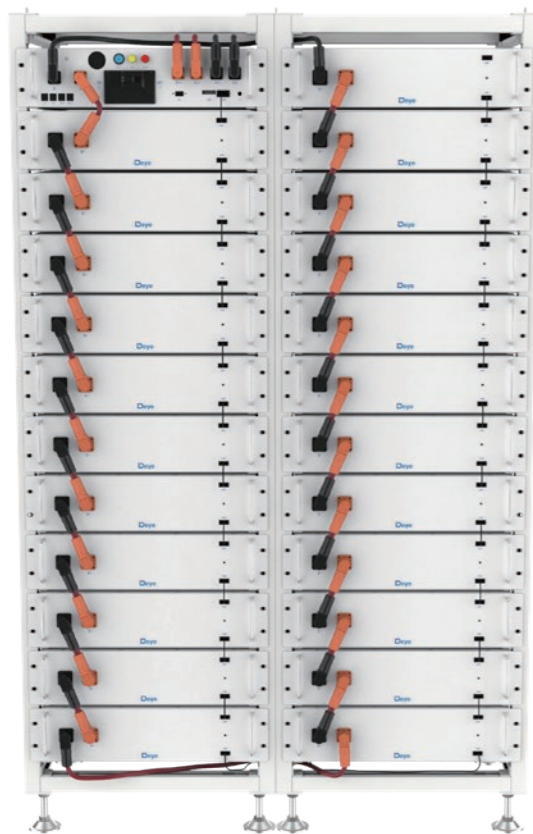


BOS-A



- Convenient**
 Quick installation standard embedded designed module is comfortable for installation and maintenance.
- Safe And Reliable**
 Cathode material is made from LiFePO4 with safety performance and long cycle life, The module has less self- discharge, up to 6 months without charging it on shelf, no memory effect, excellent performance of shallow charge and discharge.
- Intelligent BMS**
 It has protection functions including over-discharge, over charge, over-current and over-high or low temperature. The system can automatically manage charge and discharge state and balance current and voltage of each cell.
- Eco-friendly**
 The whole module is non-toxic, non-polluting and environmentally friendly.
- Flexible Configuration**
 Multiple battery modules can be in parallel for expanding capacity and power. Support USB upgrade, wifi upgrade(optional), remote upgrade(Compatible with Deye inverter).
- Wide Temperature**
 Working temperature range is from -20°C to 55°C, with excellent discharge performance and cycle life.

Technical Data

Model		BOS-A			
Main Parameter					
Cell Chemistry	LiFePO4				
Module Energy (kWh)	7.68				
Module Nominal Voltage (V)	38.4				
Module Capacity (Ah)	200				
Module Dimension (W/D/H, mm)	576*601*135				
Module Weight Approximate (kg)	65				
Battery Module Qty In Series (Optional)	7	11	15	23	
System Nominal Voltage (V)	268.8	422.4	676	883.2	
System Operating Voltage (V)	235.2~302.4	469.6~475.2	504~648	745.2~993.6	
System Energy (kWh)	53.76	84.48	115.2	176.64	
System Usable Energy (kWh) ^[1]	48.38	76.03	103.68	158.98	
Charge/Discharge Current (A) ^[2]	Recommend	100			
	Max	150			
Working Temperature (°C)	Charge: 0°C~55°C / Discharge: -20°C~55°C				
Status Indicator	Yellow: Battery High Voltage Power On Red: Battery System Alarm				
Communication Port	CAN2.0 / RS485				
Humidity	5%~85%RH				
Altitude	≤3000m				
IP Rating of Enclosure	IP20				
Dimension (W/D/H, mm)	629*605*1351	629*605*1921	1258*605*1351	1258*605*1921	
Weight Approximate (kg)	538	830	1122	1710	
Installation Location	Rack Mounting				
Storage Temperature (°C)	0°C~35°C				
Recommend Depth of Discharge	90%				
Cycle Life	25°C±2°C, 0.5C/0.5C, EOL70%≥6000				
Warranty ^[3]	10 years				
Certification	CE, IEC62619, IEC62040, UN38.3, VDE-2510				

[1] DC Usable Energy, test conditions: 90% DOD, 0.3C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters

[2] The current is affected by temperature and SOC.

[3] The warranty is due whichever reached first of warranty period or life cycle power.