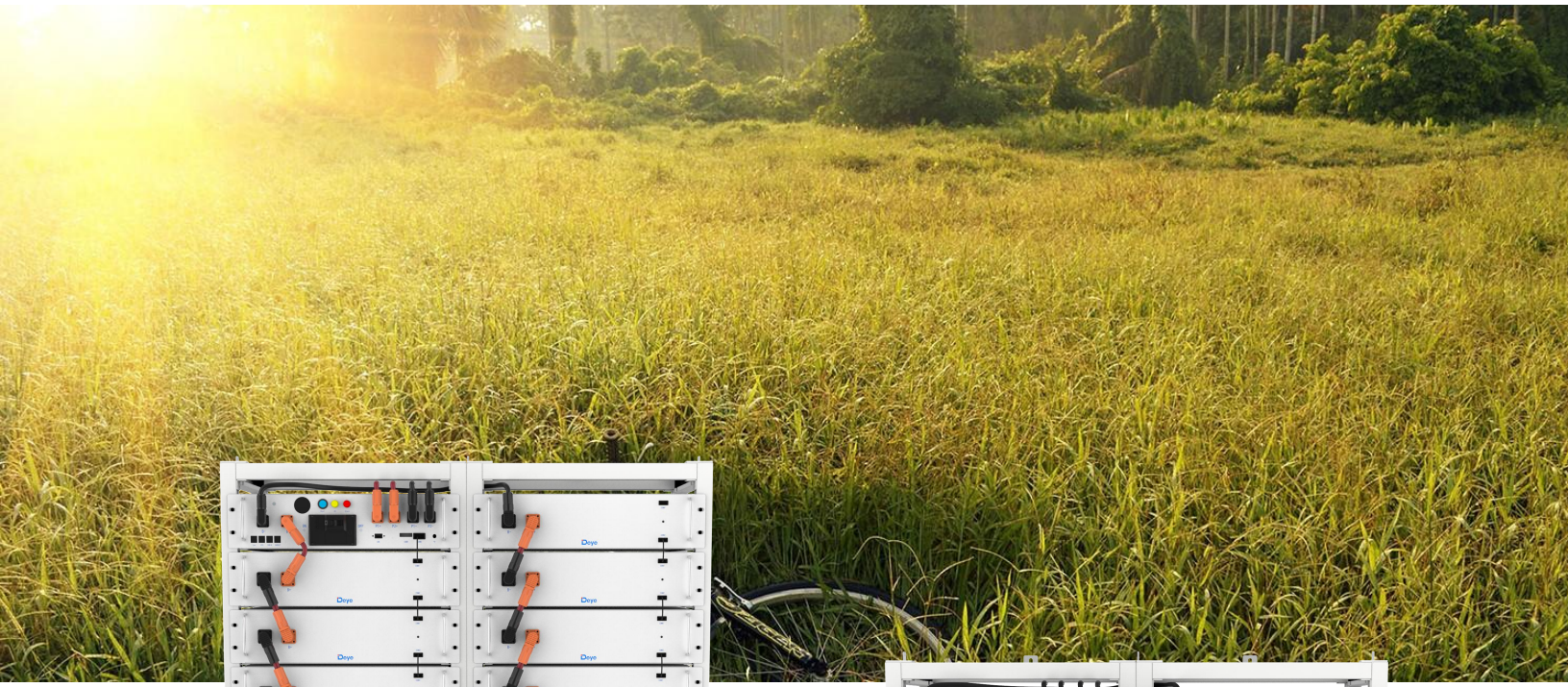
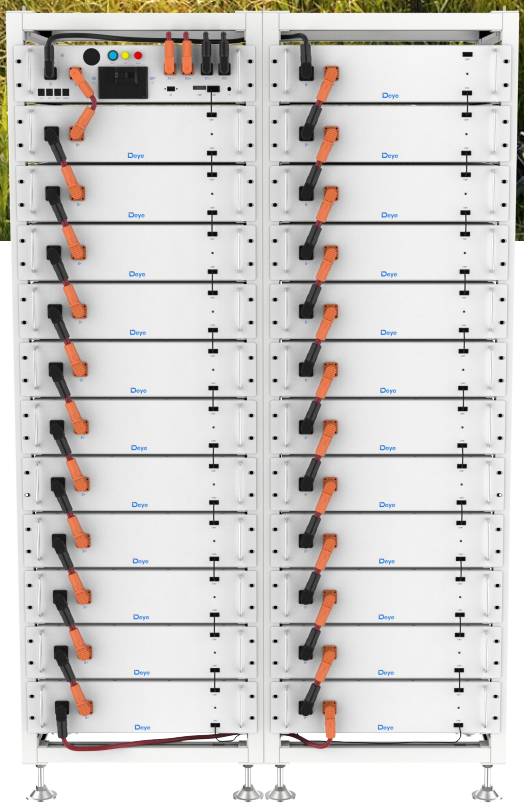
BOS-A







- **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 up grade(Compatible with Deye inverter).

- **Wide temperature**

Working temperature range is from -20°C to 55°C, with excellent discharge performance and cycle life.

Deye Tesla Solar SA

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	18	23
System Nominal Voltage (V)		268.8	422.4	676	691.2	883.2
System Operating Voltage (V)		235.2~302.4	469.6~475.2	504~648	604.8~777.6	745.2~993.6
System Energy (kWh)		53.76	84.48	115.2	138.24	176.64
System Usable Energy (kWh) [1]		48.38	76.03	103.68	124.42	158.98
Charge/Discharge Current (A) [2]	Recommend			100		
	Max			150		
Working Temperature (°C)				Charge: 0~55/Discharge: -20~55		
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*1351	1258*605*1921
Weight Approximate (kg)		538	830	1122	1122	1710
Installation Location				Rack Mounting		
Storage Temperature (°C)				0~35		
Recommend Depth of Discharge				90%		
Cycle Life				25±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.