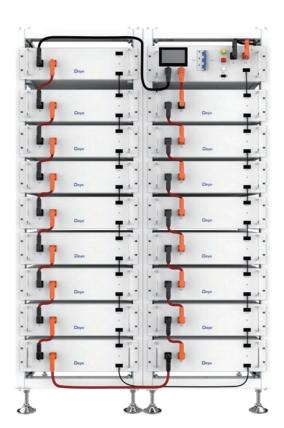
BOS-G PRO





• Convenient

Quick installation, standard of 19-inch embedded designed module is comfortable for installationand 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, overcurrent and over-high or low temperature. The systemcan automatically manage charge and discharge state and balance current and voltage of each cell.

• Eco-friend

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		B0S-G PRO			
Main Parameter					
Cell Chemistry		LiFePO4			
Module Energy (kWh)		5.12			
Module Nominal Voltage (V)		51.2			
Module Capacity (Ah)		100			
Battery Module Number		BOS-G25 PRO	BOS-G40 PRO	BOS-G60 PRO	BOS-G85 PRO
Battery Module Qty in series. (Optional)		5 (Min)	8	12	17 (Max)
System Nominal Voltage (V)		256	409.6	614.4	870.4
System Operating voltage (V)		220~292	352~467.2	528~700.8	748~992.8
System Energy (kWh)		25.6	40.96	61.44	87.04
System Usable Energy (kWh) ^[1]		23.04	36.86	55.3	78.33
Rated DC Power (k	(Wh)	25.6	40.96	55.3	87.04
Charge/Discharge Current (A) ^[2]	Recommend	50			
	Max	100			
	Peak Discharge	125 (2mins, 25°C)			
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		≤3500m			
IP Rating of Enclosure		IP20			
Dimension (W/D/H, mm)		530*602*1629 530*602*2219 1060*602*162			
Weight Approximate (kg)		285	420	610	866
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, VDE2510-50, UN38.3			

^[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.

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

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

^[4] Made in China.