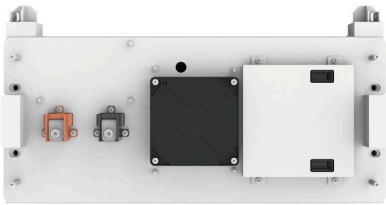


BOS-B-Pack16-A3 (EU) [16.08kWh] High-Performance Commercial Battery Storage Module | ESS

Model: BOS-B-Pack16-A3 / **EAN:**



Price: [You do not have the permission to see the prices](#)

The Deye BOS-B Battery System is a high-performance lithium-ion energy storage solution for commercial & industrial applications. Delivering 215 kWh per cluster, scalable up to 16 packs per PCS, with outstanding efficiency and intelligent EMS, it sets the benchmark for reliability, scalability and off-grid capability.



KEY FEATURES

- Powerful & Scalable**

215 kWh per cluster, up to 16 packs per PCS
- High Efficiency**

98.5% PCS & over 99% MPPT efficiency
- Intelligent Control**

Integrated EMS with zero-export & time-of-use functions
- Fast & Reliable Switching**

<10 ms seamless transitions between on-grid, off-grid & diesel
- Advanced Energy Storage**

Up to 32 hours backup with smart BMS

Rugged & Reliable

IP65-rated PCS/MPPT, 110% overload, 170% peak power

Efficient PV Integration

200 kW input, 180–850 V range, 8× MPPT (40 A each)

TECHNICAL SPECIFICATIONS

Parameter	Value
Cell Chemistry	Lithium-ion (LiFePO4)
Nominal Capacity	280 Ah
Nominal Energy per Module	14.3 kWh
Nominal Voltage	51.2 V
Charge/Discharge Current (Nom./Max.)	168 A / 168 A
Energy per Cluster	215 kWh (214.5 kWh nominal)
Ingress Protection	IP20 (battery) / IP65 (PCS/MPPT)
Operating Temperature	Charge: 0 to +55 °C / Discharge: –20 to +55 °C
Storage Temperature	0 to +35 °C
Dimensions per Module (W×H×D)	795.9 × 526 × 274.2 mm
Weight per Module	≈ 123 kg
Cycle Life	≥ 6000 (25 °C, 0.5C, 70 % EOL)
Communication	TCP / RS485 / CAN
Certification	CE / IEC62619 / IEC62040 / UN38.3

Deye BOS-B – High-Performance Lithium-Ion Storage System

215 kWh per cluster · 98.5% efficiency · <10 ms switching
· IP65 · up to 32 h backup

Characteristics

Model:	BOS-B-Pack
Capacity:	16 kWh nominal energy
Parallel Operation:	16 per PCS
Charge Cycles:	> 6000
Warranty:	10 Years
Compatible with:	BOS-B Series

More pictures:



A product from the range of SYD Green Energy (www.syd-green-energy.com)

BOS-B-Pack16-A3 (EU) [16.08kWh] High-Performance Commercial Battery Storage Module | ESS

Details

Parameter	Value
Deye BOS-B Lithium-Ion Battery System	
Cell Chemistry	Lithium-ion
Nominal Capacity	314 Ah
Nominal Energy per Module	16.8 kWh
Nominal Voltage	51.2 V
Charge/Discharge Current (Nom./Max.)	180 A / 180 A
Energy per Cluster	215 kWh
Ingress Protection Battery / PCS	IP20 / IP65
Operating Temperature	Charge: 0 to +55 °C / Discharge: –20 to +55 °C
Storage Temperature	0 to +35 °C
Dimensions per Module (W×H×D)	795.9 × 526 × 274.2 mm
Weight per Module	≈ 32 kg
Cycle Life	≥ 6000 (25 °C, 0.5C, 70 % EOL)

Communication	TCP / RS485 / CAN
Certification	CE / IEC62619 / IEC62040 / UN38.3

Service Hotline: Tel. +49 (0) 2131 52811-23 - info@syd-green-energy.com - www.syd-green-energy.com

This is a B2B offer vom SYD Green Ernergy GmbH Germany. Prices are without tax and plus shipping.