

Deye SE-G5.1 Pro-B LV Battery 5.1 kW

Product code: ME.Battery.SE-G5.1 Pro-B LV Battery 5.1 kW



Deye SE-G5.1 Pro-B LV is a versatile and advanced low-voltage energy storage system that ensures reliable energy storage, ideal for home and small commercial energy systems.

Product variants

Index	Price
Deye SE-G5.1 Pro-B LV Battery 5.1 kW ME.Battery.SE-G5.1 Pro-B LV Battery 5.1 kW	Product prices only visible after login. If you do not have an account, please register.

Product description

- **Model:** SE-G5.1 Pro-B LV
- **Energy Capacity:** 5.1 kW
- **Nominal Voltage:** 48 V
- **Operating Voltage Range:** 42-54 V
- **Maximum Charging Current:** 100 A
- **Maximum Discharging Current:** 100 A
- **Battery Type:** Lithium-Ion (Li-Ion)
- **Efficiency:** $\geq 95\%$

- **Lifespan:** 10+ years with proper usage
 - **Cycle Life:** > 6000 cycles at 80% Depth of Discharge (DOD)
 - **Operating Temperature:** -10°C to 50°C
 - **Storage Temperature:** -20°C to 60°C
 - **Relative Humidity:** 5% - 95% (non-condensing)
 - **Dimensions (L x W x H):** 442 mm x 420 mm x 132 mm
 - **Weight:** 50 kg
 - **Communication Interface:** CAN, RS485
 - **Protection Level:** IP55
 - **Certifications:** CE, UN38.3, MSDS, IEC62619
 - **Protections:** Overcharge protection, over-discharge protection, overload protection, overheat protection, short-circuit protection
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