

S1-10.2EB-WD-ND-L-AU

Solis Low Voltage Energy Storage Battery

Features:

- Save time and effort, plug and play
- Automatic identification of battery type
- One-stop after-sales service
- Remote monitoring and O&M support
- Low-voltage system, safe, economical and easy to maintain
- Flexible expansion



DATASHEET

S1-10.2EB-WD-ND-L-AU

Models	S1-10.2EB-WD-ND-L-AU
Performance parameter	
Battery type	LiFePO ₄
Nominal battery energy	10.2 kWh
Operating voltage	44.8 - 57.6 V
Nominal voltage	51.2 V
Nominal capacity	200 Ah
Rated power	5.1 kW
Peak power	5.1 kW
Recommended charge & discharge rate	0.5C
Recommended charge / discharge current	100 A
Max. sustainable charge and discharge ratio	0.5C
Max. sustainable charge / discharge current	100 A
Recommended depth of discharge (DOD)	90%
Conventional parameter	
Net weight	103 kg
Dimensions (W × H × D)	555 × 928 × 210 mm
Charging temperature range	0 ~ +55°C
Discharging temperature range	-20 ~ +55°C
Communication	CAN / RS485 / RS232
Cycle life	≥ 6000 cycles / 10 years
Protection level	IP65
Expansion	Up to 50 units in parallel
Installation mode	Floor or wall-mounted
Certification & safety standard	UN38.3/CE-EMC/IEC62619/IEC62040/IEC60730/UKCA/CEC Accredited