



SolisStorage



Energy Storage Battery

Solis-Alpha-SMILE-BAT-13.3P



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

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DATASHEET

Solis-Alpha-SMILE-BAT-13.3P

Models	Solis-Alpha-SMILE-BAT-13.3P
Performance parameter	
Battery Type	EVE-LiFePO4
Nominal Battery Energy	13.3 kWh
Operating Voltage	45-54 Vdc
Nominal Voltage	48 V
Nominal Capacity	280 Ah
Rated Power	13.34 kW
Peak Power	5 kW
Recommended Charge & Discharge C Rate	0.35 C
Recommended Charge/Discharge Current	100 A
Maximum sustainable charge and discharge ratio	0.35 C
Maximum sustainable charge/discharge current	100 A
Depth of Discharge (DoD)	100 %
General Data	
Net Weight	121 kg
Dimensions (W × H × D)	610 x 816 x 236 mm
Charging / Discharging Temp. Range	-10 ~ 50°C (0°C < & > 40°C, derating)
Communication	CAN and RS-485 compatible
Cycle Lifem	8000 Cycles (cell @25°C 0.5P/0.5C, 70%EOL) / 10 Years
Protection Level	IP65
Expansion	Up to 6 units in parallel
Installation mode	floor or wall-mounted
Certification & Safety Standard	UN38.3 / IEC62619