



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 |
| Recomended 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 Temp. Range | -10 ~ 50°C |
| Discharging Temp. Range | -10 ~ 50°C |
| Communication | CAN and RS-485 compatible |
| Cycle Life m | 8000 Cycles / 10Years |
| Protection Level | IP65 |
| Expansion | Up to 6 units in parallel |
| Installation mode | floor or wall-mounted |
| Certification & Safety Standard | UN38.3 / IEC62619 |