

S6-PM3P(100-125)KAA-NV-ND-H

Solis Energy Storage PCS Module

Features:

- Max. efficiency 98.5%
- Independent IP65 on IGBT for harsh environments
- Continuous power output ability of up to 60kW at 60°C
- Grid-friendly with adjustable power factor -1 ~ 1
- Wide mechanical compatibility, suitable for all kinds of integration cabinets
- Integrates key components from renowned international suppliers and ensures a highly reliable performance

Models:

S6-PM3P100KAA-NV-ND-H

S6-PM3P125KAA-NV-ND-H



DATASHEET

S6-PM3P(100-125)KAA-NV-ND-H

| Models | 100K | 125K |
|--|--|-----------|
| DC Side | | |
| Battery voltage range | 650 - 950 V | |
| Rated power | 100 kW | 125 kW |
| Max. charge / discharge power | 110 kW | 137.5 kW |
| Max. charge / discharge current | 153.8 A | 192.3 A |
| Overload charge / discharge current | 210 A | |
| Communication | RS485 / CAN | |
| AC Side | | |
| Rated output power | 100 kW | 125 kW |
| Max. apparent output power | 110 kVA | 137.5 kVA |
| Rated grid voltage | 3/N/PE, 220 V / 380 V, 230 V / 400 V | |
| Grid voltage range | 304 - 460 V | |
| Rated frequency | 50 Hz / 60 Hz | |
| Grid frequency range | 45 - 55 Hz / 55 - 65 Hz | |
| Rated grid output current | 151.9 A | 189.9 A |
| Max. output current | 210 A | |
| Power factor | -1 ~ 1 (leading - lagging) | |
| THDi | ≤ 3% | |
| Efficiency | | |
| Max. efficiency | 98.5% | |
| EU efficiency | 97.8% | |
| Protection | | |
| Surge protection | II | |
| DC reverse-polarity protection | Yes | |
| Protection class / Over voltage category | I / II | |
| General Data | | |
| Dimensions (W × H × D) | 440 × 256.5 × 678.6 mm | |
| Weight | 65 kg | |
| Topology | I | |
| Operating ambient temperature range | -25 ~ +60°C | |
| Ingress protection | IP 21 | |
| Cooling concept | Intelligent fan-cooling | |
| Max. operation altitude | 4000 m | |
| Grid connection standard | NRS 097-2-1 24, IEC 61727, IEC 62116, IEC 61683, IEC 60068, EN 50530, EN 50549-1/-10, GREEK, G99, G100, VDE 4105, VDE 0124 | |
| Safety / EMC standard | IEC 62109-1/-2, IEC 62477, IEC 61000-6-2/-4, EN 55011 | |
| Features | | |
| DC connection | OT terminal | |
| AC connection | OT terminal | |
| Display | LED | |
| Communication | CAN, RS485, DI/DO port | |