

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	
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	