

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

Solis Energy Storage PCS Module

Features:

- High conversion efficiency up to maximum 98.5%
- Independent IP65 on IGBT for harsh application environment
- Continuous power output ability up to 60kW at 60°C
- Grid friendly with adjustable power factor -1 ~ 1
- Widely mechanical compatibility suitable for all kinds of integration cabinet
- Integrate key components from international famous suppliers and ensure 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	
Max. charge / discharge power	110 kW	137.5 kW
Max. charge / discharge current	215 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	304-456 V	
Rated frequency	50 Hz / 60 Hz	
Grid frequency range	45-55 Hz / 55-65 Hz	
Rated grid output current	190 A	
Max. output current	210 A	
Power factor	-1~1 (leading - lagging)	
THDi	3%	
Efficiency		
Max. charge / discharge 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)	484*256.5*680 mm	
Weight	65 kg	
Topology	I	
Operating ambient temperature range	-25 ~ +60°C	
Ingress protection	IP 21	
Noise emission (typical)	<75 dB(A)	
Cooling concept	Intelligent redundant 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	