S6-EA3P10KAA-NV-ND-H

Solis Three Phase High Voltage AC-Coupled Inverters

Features:

- Up to 50A max. charge/discharge current

- Supports Time-of-Use Electricity Pricing with Smart Charging and Discharging

- Supports Peak Shaving control

- Dual RS485 port,Supports remote Upgrade and VPP remote control

- 6 customisable charge/discharge time settings

- Pre-made Battery, Meter and CAN cabling to reduce installation time

- Compatible with multiple brands of lithium battery models, with multiple

  battery protection features to extend battery life

NEW

Models:

S6-EA3P10KAA-NV-ND-H

DATASHEET

S6-EA3P10KAA-NV-ND-H

Models	10K
Battery	
Battery type	Li-ion
Battery voltage range	120 - 600 V
Max. charge / discharge power	10 kW
Max. charge / discharge current	50 A
Communication	CAN / RS485
Output AC (Grid side)	
Rated output power	10 kW
Max. apparent output power	10 kVA
Rated grid voltage	3/N/PE, 380 V / 400 V
Grid voltage range	320 - 460 V
Rated grid frequency	50 Hz / 60 Hz
Rated grid output current	15.2 A / 14.4 A
Max. output current	15.2 A / 14.4 A
Power factor	> 0.99 (0.8 leading - 0.8 lagging)
THDi	< 3%
Input AC (Grid side)	
Max. input power	15 kW
Rated input current	22.8 A
Rated input voltage	3/N/PE, 380 V / 400 V
Rated frequency	50 Hz / 60 Hz
Efficiency	
EU efficiency	97.51%
BAT charged / discharged to AC max. efficiency	97.50%
Protection	
Anti-islanding protection	Yes
Output over current protection	Yes
Short circuit protection	Yes
Battery reverse protection	Yes
General Data	
Dimensions (W × H × D)	600 × 500 × 230 mm
Weight	30.2 kg
Topology	Transformerless
Self-consumption (night)	< 25 W
Operating ambient temperature range	-25 ~ +60℃
Relative humidity	0 - 95%
Ingress protection	IP66
Noise emission (typical)	< 46.9 dB(A)
Cooling concept	Natural cooling
Max. operation altitude	4000 m
Grid connection standard	VDE-AR-N 4105, EN 50549-1, EN50549SW, EN 50549FI, DK1 & DK2
Safety standard	IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-3
Features	
DC connection	Quick connection plug
AC connection	Quick connection plug
Display	LED indicator & Bluetooth + APP
Communication	CAN, RS485, Optional: Wi-Fi, Cellular, LAN