SYN 50-XH-10

- Suitable for MIN-XH series inverters
- Support for power backup,up to 6kW
- Integrated breaker and meter, easy to install



POWER-ING
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Datasheet	SYN 50-XH-10
Input From Grid	
Max. AC Input Overcurrent Protection	63A
Max. Continuous Input Current	50A
AC Output Voltage(Nominal)	230V
AC Output Voltage Range	180-270V
AC Frequency(Nominal)	50Hz/60Hz
AC Frequency Range	45-65Hz
Grid Disconnection Switchover Time	<500ms
Input From Inverter	
Rated AC Power	6000W
Max. Continuous Input Current@230V	26.1A
Rated AC Power in Continuous Backup Operation	6000W
Max. Continuous Input Current in Backup Operation	26.1A
Peak AC Power(<10s) in Backup Operation	6600W
Peak AC Current(<10s) in Backup Operation	28.7A
Additional Features	
Communication	RS485
Manual Control Bypass Switch	Yes
Energy Meter(for Import/Export)	1% accuracy
Cooling	Natural convection
Noise	<30dB
Operating Temperature Range	–40 °C~60 °C
Protection Rating	IP65
Operating Humidity(RH)	Up to 100%
Maximum Elevation	3000m
Mounting options	Wall mounted
Weight	11kg
Dimensions(H/W/D)	365/450/123mm

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SYN 100-XH-30

- Integrated breaker, easy to install
- 100% three-phase imbalance output
- Support for power backup, up to 40kW



POWER-ING TOMO-RROW

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Datasheet	SYN 100-XH-30
Input from grid	
Max. AC input overcurrent protection	125A
Max. continuous input current	90A
AC output voltage(nominal)	230V/400V (340-440V)
AC frequency(nominal)	50Hz/60Hz
AC frequency range	45-65Hz
Grid disconnection switchover time	<500ms
Input from inverter	
Rated AC power	40kW
Max. continuous input current@230v	58A
Rated AC power in continuous backup operation	40kW
Max. continuous input current in backup operation	58A
Peak AC power(<10s) in backup operation	44kW
Peak AC current(<10s) in backup operation	63A
Additional features	
Communication	RS485
Manual control bypass switch	Yes
Cooling	Natural convection
Noise	<30dB
Operating temperature range	–40 °C~60 °C
Protection rating	IP65
Operating humidity(rh)	Up to 100%
Maximum elevation	3000m
Mounting options	Wall mounted
Weight	12kg
Dimensions(H/W/D)	365/450/123mm

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