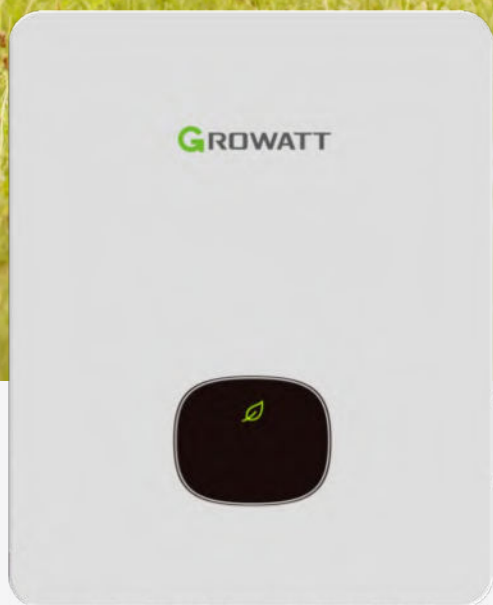


SYN 50-XH-1

- Whole house power backup, up to 6kW
- Integrated breaker and meter, easy to install
- Generator input and wake-up optional



GROWATT



www.ginverter.com

P O W E R
- I N G O
T O M O -
R R O W O

Datasheet		SYN 50-XH-1
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
Generator(optional)*		
Max. Rated AC Power		10000W
Max. Continuous Input Current		50A
Dry contact switch voltage rating		230Vac
Dry contact switch current rating		5A
2-wire Start		Yes
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

* Model SYN 50-XH-11 with breakers integrated, model SYN 50-XH-12 with breaker and generator input integrated.