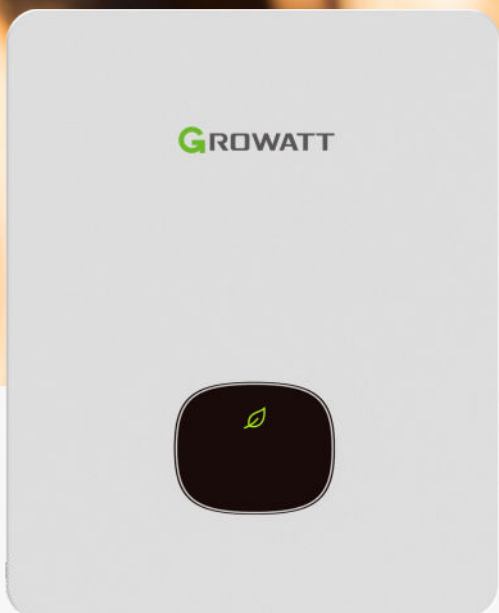


SYN 50-XH-30

- Whole house power backup, up to 10kW
- 100% three-phase imbalance output
- Integrated breaker, easy to install



P O W E R
- I N G O
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GROWATT

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Datasheet

SYN 50-XH-30

Input from grid

Max. AC input overcurrent protection	63A
Max. continuous input current	50A
AC output voltage(nominal)	230V/400V
AC output voltage range	180-280V (L-N)
AC frequency(nominal)	50Hz/60Hz
AC frequency range	45-65Hz
Grid disconnection switchover time	<500ms

Input from inverter

Rated AC power	18kW
Max. continuous input current@230v	26.1A
Rated AC power in continuous backup operation	18kW
Max. continuous input current in backup operation	26.1A
Peak AC power(<10s) in backup operation	19.8kW
Peak AC current(<10s) in backup operation	28.7A

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	10.8kg
Dimensions(H/W/D)	365/450/123mm