

# SYN 200-XH-US-13A

- Easy to operate, Integrated 200A circuit breaker on the grid side, No need for external circuit breakers.
- Integrated split-phase transformer inside the system supporting 120V/240V split-phase output.
- With remote wake-up and intelligent switching functions.
- Integrated generator access function.
- NEMA 4X protection level.



**GROWATT**

P O W E R  
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T O M O -  
R R O W O

Model	SYN 200-XH-US-13A
<b>Input from grid</b>	
Max. AC input overcurrent protection	200A
Max. continuous input current	160A
Interrupting rating	240V ~ 50kA
AC output voltage (nominal)	240V
AC output voltage range	180-270V
AC frequency (nominal)	60Hz
AC frequency range	45-65Hz
Grid disconnection switchover time	<500ms
<b>AC to main distribution panel</b>	
Max. AC current output	200A
AC L-L output voltage (nominal)	240V
AC L-L output voltage range	180-270V
AC frequency (nominal)	60Hz
AC frequency range	45-65Hz
Max. inverters AC current output in backup operation	41.7A
Imbalance compensation in backup operation	3000W
AC L-N output voltage in backup (nominal)	120V
AC L-N output voltage range in backup	105-132V
AC frequency range in backup	55-65Hz
<b>Generator</b>	
Max. rated AC power	24000W
Max. continuous input current	100A
Dry contact switch voltage rating	250Vac
Dry contact switch current rating	5A
2-wire start	Yes
<b>Additional features</b>	
Communication	RS485
Service rated	Yes
Manual control bypass switch	Yes
Energy meter (for Import/Export)	1% accuracy
Cooling	Natural convection
Noise	35dB
Operating temperature range	-40°C~+50°C (-40°F~122°F)
Protection rating	NEMA 4X
Operating humidity (RH)	Up to 100%
Maximum elevation	9843ft (3000m)
Mounting options	Wall mount
Weight	29.7kg (65.48lbs)
Dimensions (H/W/D)	550/450/180mm (21.65/17.71/7.08in)
<b>Standard compliance</b>	
Safety	UL1741, CSA 22.2 NO. 107, UL869A, UL9540
Emissions	FCC part15 class B