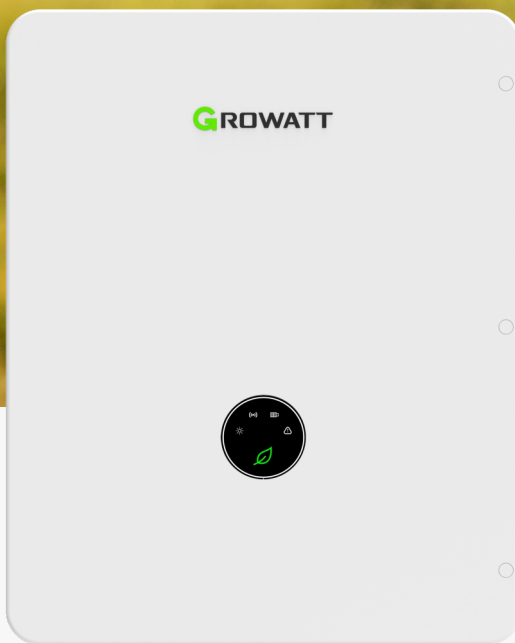


# SYN 200-XH-US-1

- 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.
- NAME 4X protection level.



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**GROWATT**

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Model	SYN 200-XH-US-1	
<b>INPUT FROM GRID</b>		
Max. AC Input Overcurrent Protection		200A
Max. Continuous Input Current		160A
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*3
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>INPUT FROM INVERTER</b>		
Number of Inverter Inputs		3
Rated AC Power		11400W
Max. Continuous Input Current@240V		47.5A*3
Rated AC Power in Continuous Backup Operation		10000W*3
Max. Continuous Input Current in Backup Operation		41.7A*3
Peak AC Power(<10s) in Backup Operation		11400W*3
Peak AC Current(<10s) in Backup Operation		47.5A*3
Inverter Input AC Circuit Breaker		63A
<b>GENERATOR(optional)</b>		
Max. Rated AC Power		20000W
Max. Continuous Input Current		100A
Dry contact switch voltage rating		250Vac
Dry contact switch current rating		5A
2-wire Start		Yes
<b>Port for EV charger(optional)</b>		
Nominal Output Voltage		240V
Max. Continuous Output Current		32A
<b>ADDITIONAL FEATURES</b>		
Communication		RS485
Manual Control Bypass Switch		Yes
Energy Meter(for Import/Export)		1% accuracy
Cooling		Natural convection
Noise		35dB
Operating Temperature Range		-40°F~122°F (-40°C~+50°C)
Protection Rating		NEMA 4X
Operating Humidity(RH)		Up to 100%
Maximum Elevation		9843ft (3000m)
Mounting options		Wall mount
Weight		65.48lbs (29.7kg)
Dimensions(H*W*D)		21.65/17.71/7.08in (550/450/180mm)
<b>STANDARD COMPLIANCE</b>		
Safety		UL1741, CSA 22.2 NO. 107, UL869A, UL9540
Emissions		FCC part15 class B