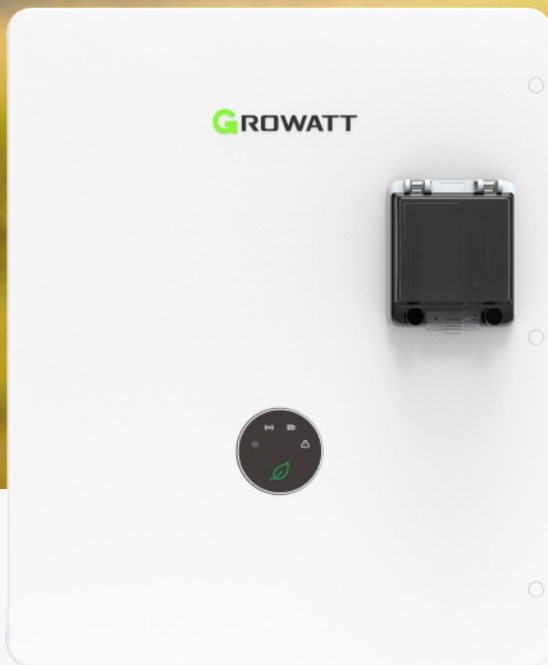


SYN 200-XH-US

- 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.



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Model	SYN 200-XH-US-11A		SYN 200-XH-US-13A	
Input from grid				
Max. AC input overcurrent protection			200A	
Max. continuous input current			160A	
AC output voltage(Nominal)			240V	
Interrupting rating			240V ~ 50kA	
AC output voltage range			180~270V	
AC frequency(Nominal)			60Hz	
AC frequency range			55-65Hz	
Grid disconnection switchover time			<500ms	
AC to main distribution panel				
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			55-65Hz	
Max. inverters AC current output in backup operation			48A	
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	
Generator*				
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	
Additional features				
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			IP65/NEMA Type 4X	
Operating humidity(RH)			Up to 100%	
Maximum elevation			3000m (9843ft)	
Mounting options			Wall mount	
Weight			26.7kg (58.86lbs)	
Dimensions (W/H/D)			445/550/160mm(17.52/21.65/6.30in)	
Standard compliance				
Safety			UL1741, CSA 22.2 NO. 107, UL869A	
Emissions			FCC part15 class B	

* Generator connection is only available for SYN 200XH-US-13A