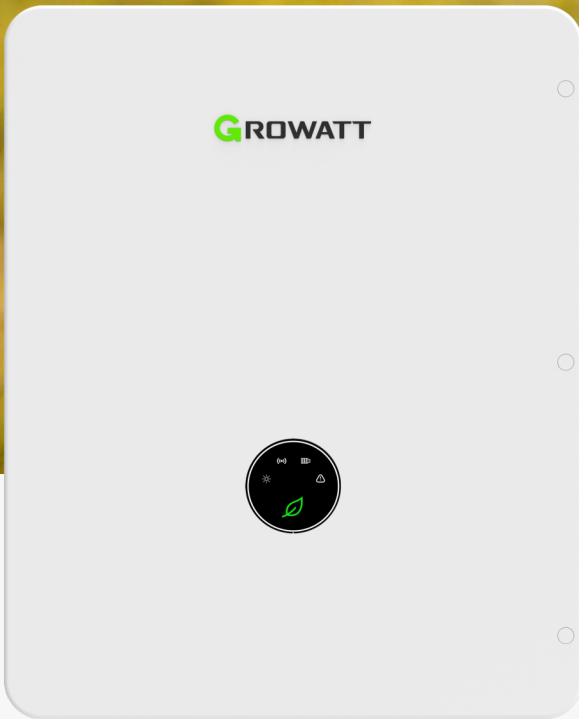


SYN 200TL-XH-US

- Easy to operate, Integrated 200A circuit breaker on the grid side, No need for external circuit breakers.
- IP65 protection level.
- Support up to three inverters access.
- Integrated split-phase transformer inside the system, supporting 120V/240V split-phase output.
- Internal integrated generator access function, with remote wake-up, intelligent switching function.



P O W E R
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GROWATT

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Model	SYN 200TL-XH-US
INPUT FROM GRID	
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	<100ms
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	45-65Hz
Max. inverters AC current output in backup operation	41.7A*3
Imbalance compensation in backup operation	5000W
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
INPUT FROM INVERTER	
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
GENERATOR(optional)	
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
Port for EV charger(optional)	
Nominal Output Voltage	240V
Max. Continuous Output Current	32A
ADDITIONAL FEATURES	
Communication	RS485,WiFi-X(opt)
Manual Control Bypass Switch	Yes
Energy Meter(for Import/Export)	1% accuracy
Cooling	Natural convection
Noise	35dB
Operating Temperature Range	-40 to +50°C
Protection Rating	NAME 4X
Operating Humidity(RH)	Up to 100%
Maximum Elevation	3000m
Mounting options	Wall mount
Weight	35kg
Dimensions(H*W*D)	550/445/160mm
STANDARD COMPLIANCE	
Safety	UL1741, CSA 22.2 NO. 107, UL869A
Emissions	FCC part15 class B