Endless Green Power.
Effortless Savings.



SPECIFICATIONS

Features	Descriptions
On-grid Port	
AC Input	2300W Max (Plug & Play Installation) 2500W Max (Professional Distribution Panel Installation)
Max AC Input Current	10.9A
AC Output	800W (Plug & Play Installation) 2500W(Professional Distribution Panel Installation)
Max AC Output Current	10.9A
Voltage range	230V/187-253V
Versatile AC Port (Micro-Inverter Input / Load Output)	
Rated off-grid AC output power	2500W
Peak power	3.5KVA
Input Power	2500W
Battery Specifications	
Battery type	LiFePO4
Battery capacity	5024Wh
Rated voltage	16V
Cycle life	10,000
Genaral	
Charging/Discharging Temperature Range	-20℃-60℃/-20℃-60℃*
Dimensions(W/D/H)	450*198*528.5mm
Weight	≈50kg
Protection level	IP66
Interface	LED & APP
WiFi/Buletooth	Supported
Warranty	10 years

*Support -30℃ startup and automatically self-heat the device for a certain time to the charge temperature range.

GROWATT



AURA 5000 NEW

en.growatt.com



Bidirectional Charge and Discharge

When installed via plug-and-play, this AC-coupled battery system accepts up to 2300W, provides 800W default output, and with Power+, delivers up to 2300W.



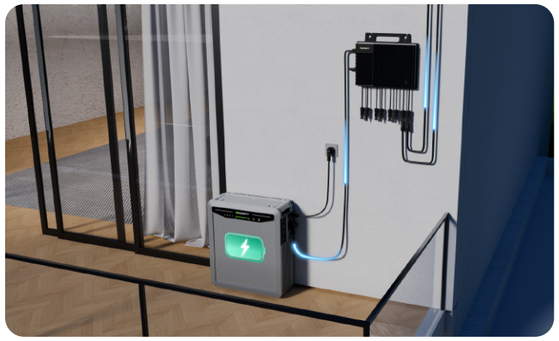
Local Smart Control - No Network Requirement

The Growatt SEM5-1 Smart Meter and SM-WLS01 Reading Head utilize LoRa communication for long-distance, strong-penetration data transmission.



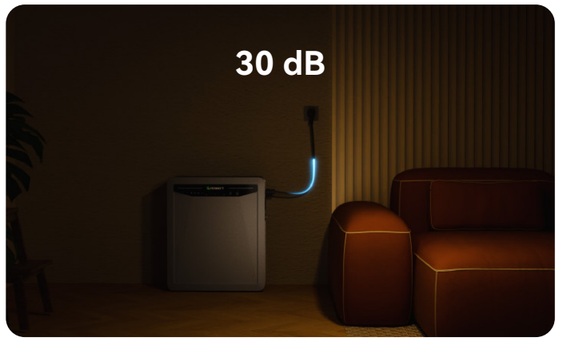
AC-Coupled Freedom: 100% Inverter Compatibility

Retrofit without rewiring. Connects directly to your home grid, automatically captures surplus solar energy to charge the battery, enabling 100% self-consumption of solar power.



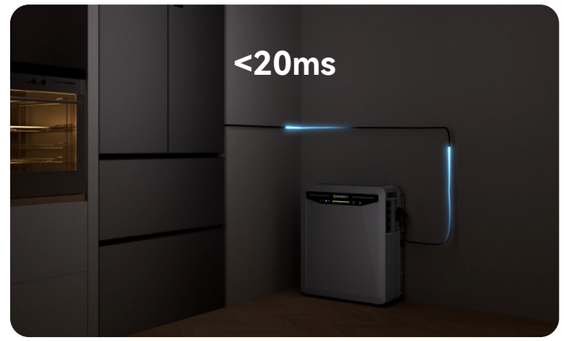
AC-Coupled Easy Setup: Plug & Play

Simply plug the microinverter directly into your AURA 5000, store extra solar energy into your battery.



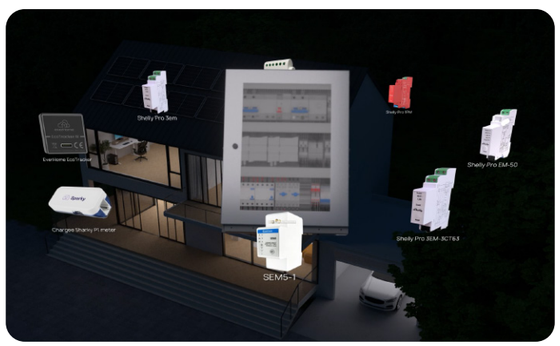
Quiet Operation & Dark Mode

This device charges and runs below 30 dB while its display can be disabled, ensuring a silent and dark sleep environment.



2500W Power in Off-Grid, < 20ms EPS

Connect critical loads to the AURA 5000 and enable EPS in the app for 20ms automatic off-grid backup, ensuring uninterrupted power.



Compatible With Smart Meters

AURA 5000 is associated with smart meters and can intelligently adjust device output power in real-time.
Shelly 3em, Shelly Pro 3em, EverHome EcoTracker, SEM5-1,SM-WLS01
Real-time load monitoring



AI-Powered Smart Scheduling in Dynamic Tariff

AURA 5000 Energy Storage System with Dynamic Pricing Algorithm:
Smart Charging: Auto-captures off-peak or negative rates
Power Export: Releases stored energy during peak rates.



IP66 Waterproof and -30°C Startup

Featuring IP66 waterproofing and -30°C startup, AURA reliably powers villas, balconies, gardens, and apartments in any weather.



Safe & Reliable LFP Battery

The AURA 5000 Balcony Storage uses the best LiFePO4 battery for energy storage, providing you with 10,000 cycles, ensuring your battery will stand the test of time.