

## Growatt lithium battery

Global distributed energy solution provider Growatt adds AXE LV battery system to its smart energy product portfolios, expanding market reach to meet the growing demand for residential off-grid lithium battery storage systems.

"The new AXE LV battery system covers a wide range of capacity extending from 5kWh to 400kWh, which caters to differentiated needs from daily households to large business and industrial scenarios," said Lisa Zhang, vice president of marketing at Growatt.

The modularity of AXE LV battery system makes it easy to be installed with internal plugs, requiring no extra cable connections, while with all the external cables integrated onto one plug, its connection to the inverter is much more simplified. In short, this unique design greatly reduces the installation difficulty and time.

In terms of safety, it enjoys multi-level protections from the inverter and BMS, such as cell security monitoring and balancing. Meanwhile, as a cobalt-free LFP battery, it stands out for its high-temperature resistance, strong safety and stability as well as better performance of charge cycles. It also has a longer life span of more than 10 years while the traditional lead-acid battery can only last 2-3 years. Generally, it holds more advantages in terms of the TCO ( total cost of ownership) for the customers.

With regard to compatibility, AXE LV battery system can be used with all Growatt's SPF off-grid series inverters. Moreover, it also works perfectly along with the SPH and SPA series storage inverters.

Growatt offers one-stop services to deliver a better customer experience. The company provides technical support upon installation for faster completion. For daily use and maintenance, it provides whole-system warranty including the battery system and storage inverters. Any system issue, if it occurs, can be quickly located and solved more efficiently. Additionally, Growatt allows installers to upgrade the firmware of the battery system remotely, which can help reduce the O& M cost and improve service efficiency.



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