

ATE BESS

Battery Energy Storage System



ATE BESS is a modular, containerized Battery Energy Storage System designed to strengthen grid stability, support renewable integration, and secure reliable power for industrial and commercial applications.

Item Code: 999-231



TECHNOLOGY WITH PURPOSE. BUILT FOR IMPACT

We don't build technology for the sake of technology. We build solutions that make a real difference — with precision, responsibility, and long-term impact.

CHRISTIAN NODSKOV
CEO & Founder

Key advantages of the ATE BESS system

High energy storage efficiency for maximizing usable power output.

Modular and scalable architecture that supports future expansion.

Fast response time for grid stabilization and peak-shaving applications.

Flexible installation options suitable for a variety of industrial and commercial environments.

Enhanced safety features, including thermal management and automated protection mechanisms.

Remote monitoring and diagnostics for simplified maintenance and improved uptime.

Reduced operational costs through intelligent energy optimization.



Technical Highlights (From the BESS Datasheet)

SYSTEM MODEL	ATE BESS system
Configuration	IP384SX10
Rated Energy	3440kWh
Rated voltage	1228,8V
Voltage range	1075,2V-1382,4V
Charge discharge mode	CC/CCCV/CP/CPCV
Standard charge power current	1720kW/1400A
Operation temp	Charge 0+55 degree C
Operation temp	Discharge -20-55 degree C
Recommended operating environment temp	20-30 degree C
Charge/discharge efficiency	93%
Thermal management	Liquid cooling
Communication	RS485CAN/RS485, ethernet, CAN
Auxiliary power supply	480Vac,50/60Hz
Dimension	6058x2438x2896
Weight	35T
IP rating	IP55
Storage temp 6 month	0-35C
Storage temp 1 month	-20-45C
Storage/operation humidty	<75%RH, no condensation
Application altitude	<4000 meters





Scalability

Built from scalable 0.55 MW units, the system delivers high efficiency, safety, and flexibility – ensuring long-term performance and fast return on investment.

With advanced control and smart configuration, ATE BESS transforms renewable energy into a stable, sustainable, and profitable resource.

Why Choose ATE BESS system

The ATE BESS system offers a reliable, efficient, and scalable energy storage solution designed for long-term performance.

With advanced safety features, smart battery management, and fast response capabilities, it reduces operational costs while improving power stability. Its flexible design makes it ideal for peak-shaving, renewable integration, and dependable backup power.

