EKODA

Built to Go the Distance

Model	BadESS Endure
Weight	2500kg
Dimensions (L x W x H)	1453 (1250 without HVAC) x 1371 x 2300 mm
Connection	Power cables & CAT6
Grid integration	AC coupled / DC coupled on request
Ambient temperature range	-25 ~ 40 °C
Protection degree	IP54
Applications	Solar self-consumption, peak-shaving and load shifting

BadESS Endure

Stacked Specifications

	1 cabinet	5 cabinets
Number of units	1 cabinet	5 cabinets
Nominal capacity	215kWh	1075kWh
Available capacity	193kWh	965kWh
Max / Nominal AC power	125kW / 100kW	625kW / 500kW
Inverter efficiency / AC current	Up to 98.7% / 150A	Up to 98.7% / 150A
Max Round-trip efficiency	89.62%	89.62%
Installation restrictions	None	None

General Specifications

System cooling	HVAC
Communication parts	Ethernet
Communication control	Modbus TCP/IP
Noise emission	<70dB
Total harmonic distortion	<3%
Operation altitude range	≤ 2000m
Max recommended PV per system	100kVA

Battery Specification

Nominal DC voltage	780V
AC battery input voltage	700-850V
Frequency	50/60Hz
Cycle life	>6000 @90% DoD
Max charge current	140A
Cell discharge	193kWh with 90% DoD
Cell chemistry	LFP
Over-current protection	Fuse-protection

Compliance Information

Safety standards	IEC/EN 62477, IEC 62619, CE
Grid standards	VDE-AR-N 4105, 50549-1/2, EREC G99
EMC standards	IEC/EN 61000-6-1/2/3/4
Warranty	2-year general warranty / 6000 cycles or 5 years
Enclosure rating	IP54

BadESS Endure - Backup When Downtime Isn't an Option

Built to Outlast, Outpower, and Outperform

The Ekoda BadESS Endure is a powerful all-in-one BESS for fast energy storage and delivery. With 215kWh capacity and 125kW output, it's designed for industrial and commercial use, combining all components into one reliable system.

Unmatched Flexibility, Effortless Installation, and Safety Above All

"Plug-and-play" setup enables instant energy storage. Scale capacity as needed, and with IEC 62619 certification, fire prevention is built in. The double-walled BESS cabinet endures high temperatures and prevents fire spread.

Our Design. Zero Compromises

Designed by Ekoda, the BESS cabinet is built to deliver optimal energy storage without the need for shading or additional cover.

Future-Ready Tech

With advanced control systems and easy Modbus TCP/IP integration, the BadESS Endure gives you full control of your BESS, anywhere, anytime.