HBD-125-260

E Series

Design Standards

HBD®-E is a new range of secure integrated Battery Energy storage system. This secure system combines LFP batteries, a hybrid inverter, and intelligent controls in a modular solution. It connects directly to PV arrays, or grid, enabling emission-free operation and reduced grid reliance. Developed to ensure power quality and provide emergency backup, the E-Series is an ideal, scalable solution for reliable and independent energy management.

Benefits

- **All-in-One Energy:** Enabling direct connection to Grid、PV arrays and diesel generators for versatile power input.
- **Installation.** Significantly reduces installation time and labor costs.
- **Smart Remote Control:** Monitor and manage via APP, 4G, or WiFi.
- **Scalable & Flexible:** Modular design supports parallel expansion.
- **Safety upgrades:** Added door open alarm, explosion venting valve, and water fire-fighting connection port for enhanced safety and reliable protection

Warranty

Kindly check "WARRANTY MANUAL"



General Information		HBD-125-260
Rated Output Power@25℃		125kVA
Rated Power Factor		0.8 lagging~0.8 leading
Rated Output Voltage		380V@50/60Hz, 3ph. (400V & 415V available)
Battery Storage Capacity		261kWh
PV Input	Max Power	250kWp
	Max. input Current per MPPT	42A
	Number of MPPT * Strings per MPPT	10*2
Protection Class		IP54
Loading Dimension (W*D*H)		1050*1350*2400mm
Net. Weight		2600kg
Loading Capacity	20'GP	N/A
	40'HC	10 units
Discharge Temperature Range		-20~55℃ (> 45℃ derating)
Max Altitude		3000m (> 2000m derating)

ISO 9001:2015 ilac-MRA CE

aksa BESS

HBD



PV
Renewable Energy



PV
(OPTION)



CLOUD
Remote Monitoring
& Control



INVERTER
Remote Monitoring
& Control



HBD-125-260



LOAD
Remote Monitoring
& Control



GRID
Backup Power



GENSET
Power Consumption

ALL-IN-ONE SOLUTION

BATTERY STORAGE
Reliable & Safe

EMS
Smart Energy
Management

PCS
Bidirectional Power
Conversion

REMOTE CONTROL
Monitor Anytime,
Anywhere