

HBD M-SERIES

Modular Hybrid Energy System

Modular Design | Intelligent Energy Management | Industrial Reliability

Reliable Power. Intelligent Energy. Built for Industry.

Key features

-  Compatible with Lithium-ion Battery Technologies
-  Modular Power Architecture
-  Intelligent Energy Management
-  Solar + Battery + Grid + DG Integration
-  Fast & Simplified Maintenance
-  High System Availability
-  DG Fuel Savings
-  Remote Monitoring & Control
-  Industrial Grade Reliability



Available Battery Voltage Platforms

256 VDC

50 | 60 | 80 kVA

360 | 480 VDC

80 | 100 | 150 kVA

535 | 832 VDC

100 | 150 | 200 kVA

Applications



Manufacturing Industries



Educational
Campuses



Battery Energy Storage Systems
(BESS)



Telecom
Infrastructure



Diesel Generator Replacement
Projects



Microgrids



Hospital



Hotel



HBD M-Series

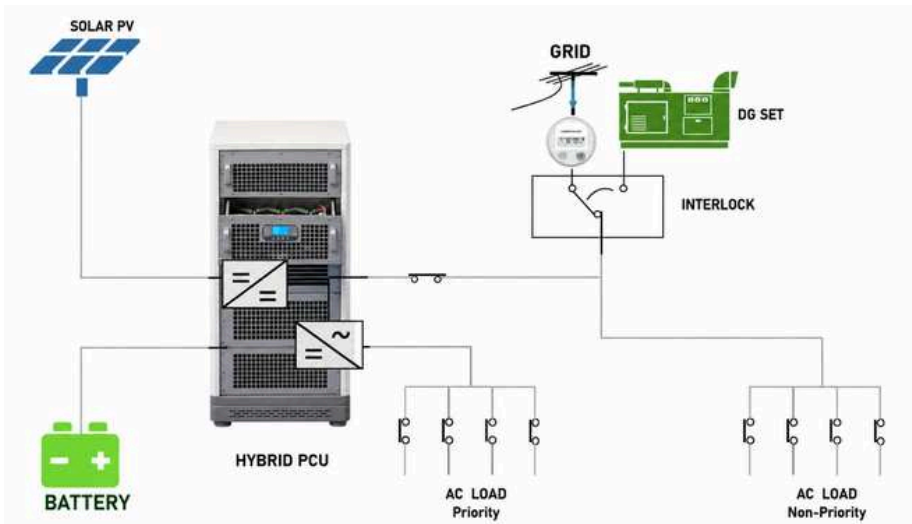


The HBD-M Series Modular Hybrid Energy System is engineered for commercial, industrial, and critical power applications requiring reliable and intelligent energy management. By seamlessly integrating Solar PV, Battery Storage, Grid Supply, and Diesel Generators into a single platform, the system delivers uninterrupted power, optimized energy utilization, and enhanced operational reliability.

Designed with a modular architecture and front-access serviceability, the HBD-M Series simplifies maintenance, minimizes downtime, and ensures dependable performance in demanding operating environments.



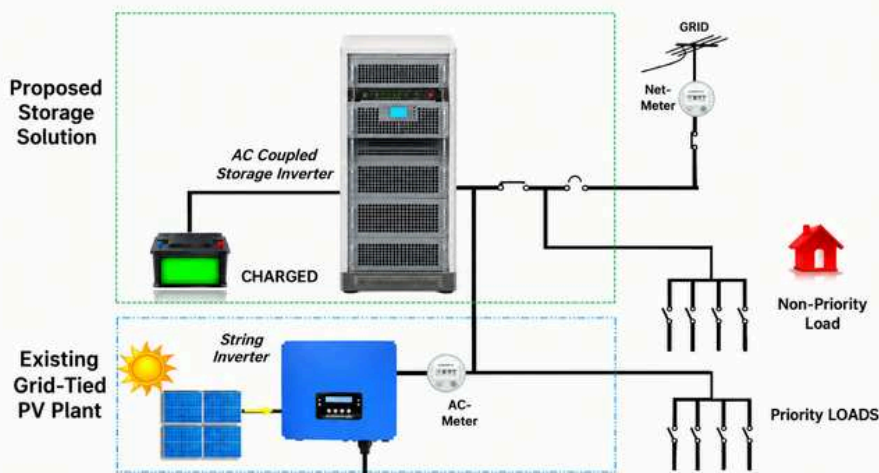
DC-Coupled Solar + Storage



Benefits:

- ✓ Maximum Energy Efficiency
- ✓ Direct Battery Charging from PV
- ✓ Reduced Conversion Losses
- ✓ Compact System Architecture

AC-Coupled Energy Storage



Benefits:

- ✓ No Changes to Existing PV System
- ✓ Simple Storage Integration
- ✓ Independent PV & Battery Operation
- ✓ Lower Upgrade Cost

Specifications are accurate at the time of printing. Statcon Energiaa reserves the right to change data and parameters without notice.

