

Galaxy 215 Distributed Energy Storage Cabinet: An Efficient Energy Storage Solution

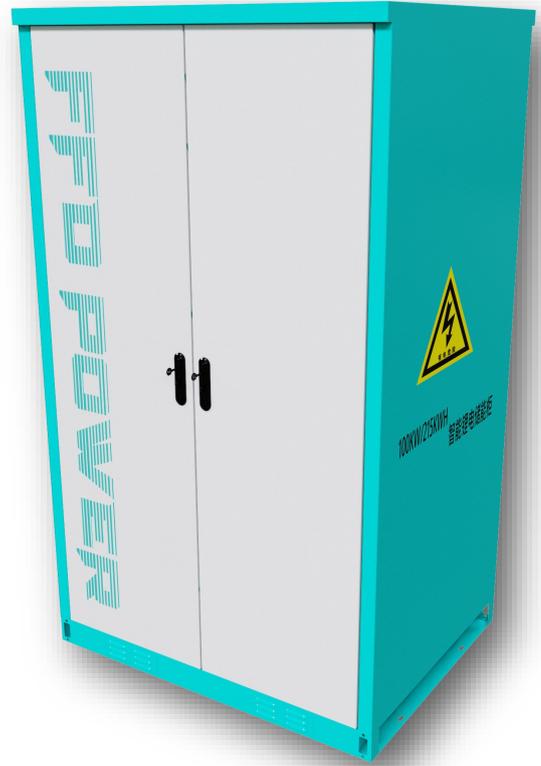
Your innovative energy storage solution, the Galaxy 215 Distributed Energy Storage Cabinet, represents cutting-edge technology aimed at meeting the growing demand for energy reserves. It's constructed from 15 modules, each with a capacity of 14.33kWh, collectively forming a powerful 215kWh energy storage system.



- **Multi-Component Integration:** The Galaxy 215 is designed with multiple components, including battery modules, BMU (Battery Management Unit), high-voltage cabinets, RCU (Remote Control Unit), These components work together to provide efficient and reliable energy storage.
- **Intelligent Air-Cooled Design:** To ensure optimal performance and durability, our storage cabinet features an intelligent air-cooled design. This design not only helps maintain the storage system's temperature within the optimal range but also enhances overall efficiency.
- **Peak Shaving and Load Shifting Strategy:** Galaxy 215 is designed to fully comply with China's grid management policies, offering significant potential for cost savings by smartly charging and discharging twice daily. This not only reduces electricity costs but also aids in peak load reduction.

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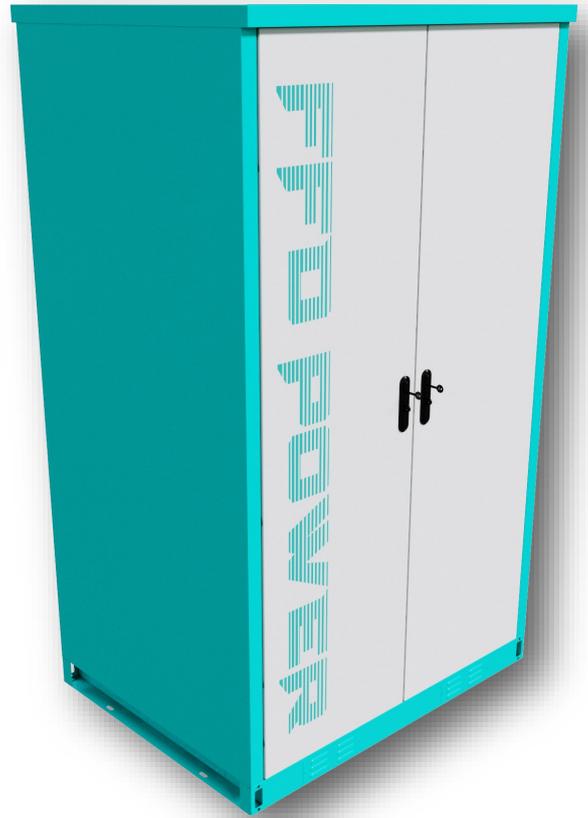
- **Modular Design:** The modular design of Galaxy 215 allows for flexible combinations based on your specific requirements, enabling greater energy reserves. This design enhances system flexibility and simplifies maintenance.
- **Greater Energy Reserves, More Options:** The multi-functional modular system of Galaxy 215 allows you to easily expand energy reserves to meet various scale and type requirements, from industrial and commercial to agricultural applications.



Galaxy 215 Distributed Energy Storage Cabinet represents the future of energy reserve solutions, embodying efficiency, sustainability, and reliability. Whether it's peak shaving, load shifting, or coping with unexpected power outages, it's the perfect solution for your energy

Product advantages:

- **Modular Design, Support for Parallel Expansion:** Modular design allows for parallel expansion of functionality.
- **Multiple Operating Modes for Various Applications:** Supports various operating modes to suit different application scenarios.
- **Multiple Built-in Protection Functions (Lightning, Fire, Theft, etc.):** Multiple protection functions, including lightning protection, fire prevention, and anti-theft features, are built in.
- **Switchable Between Off-Grid and Grid-Tied:** Can seamlessly switch between off-grid and grid-tied modes.
- **Perfectly Matches Peak and Off-Peak Electricity Prices with Two Charge and Two Discharge Cycles:** Optimized for taking advantage of peak and off-peak electricity pricing with two charge and two discharge cycles daily.
- **Brand New A-Grade Battery Cells for Longevity (Over 6000 Cycles):** Equipped with brand new A-grade battery cells with a cycle life of over 6000 cycles.



Galaxy 215 Distributed Energy Storage Cabinet: Parameter

MODEL: Galaxy 215kWh	
ESS	
Cell type	LFP, EVE LF280K
System battery configuration	1P16S*15
Battery capacity (BOL) at DC side	215 kWh
System output voltage range	600V~876V
Dimensions of battery unit (W *H * D)*	1240×2450×1050mm
Weight of battery unit*	≈1900kg
Degree of protection	ESS Cabinet IP55,PCS Cabinet IP44
Corrosion protection level	C 3
Relative humidity	0 ~ 95 % (non-condensing)
Operating temperature range	-30°C ~ 50°C (> 45°C derating)
Max. working altitude	3000 m
Cooling concept of battery chamber	Smart air cooling
Fire safety equipment	Combustible gas detection and ventilation system, Water-based fire suppression