

Drone Battery Charging Cabinet

Model NO.: BS16

High Capacity · Safe & Intelligent

The BS16 Drone Battery Charging Cabinet integrates high-capacity storage, efficient charging, multi-layer protection, flexible compatibility, and digital management into one intelligent solution. Designed for enterprise-level drone operations, it offers three charging modes: Standard, Storage, and Emergency, to meet diverse application needs. A digital display screen provides real-time battery information and efficient charging management. With five-layer safety protection, including airflow cooling, smoke detection, automatic fire suppression, over-temperature/voltage/current protection, and intelligent power-off alarms, the BS16 ensures safe 24/7 battery charging and storage.



Product Advantages



High Capacity



Multi-Model Compatibility



Smart Charging



Cabinet Cascading

Centralized High-Capacity Management

- Supports up to 48 drone batteries simultaneously
- Automatically matches optimal charging strategies
- Supports hot-swappable batteries

Intelligent Safety Protection

- Built-in triple automatic fire suppression systems
- Integrated LED lighting with auto-on when door opens in low light
- Real-time monitoring of temperature, voltage, and battery status, with automatic alarm and power cutoff

Broad Compatibility

- Supports batteries for DJI M3, M30, M300, M350, M4
- Intelligent charging management
- Optional WB37 remote controller battery charging module
- 4 × 100W Type-C output ports

Multi-Cabinet Expansion

- Supports cascading via Ethernet
- Open API access for integration with local management systems

Technical Parameters

Model	BS16
Supported Batteries	M4/M3/M30/M300/M350
Battery Data	SN, voltage, current, cycle count, capacity, temperature
Dimensions	W567×H1200×D670mm
Weight	70Kg±3%
Input Voltage	AC90-220V
Total Power	2200W
Max Charging	800W
Power (per layer)	
Charging Modes	Standard/Storage/Emergency
Charging Modules	3 layers
Replaceable	Supported [includes P4/M3 2-in-1 charging module, M300/M350 2-in-1 charging module, and M30 charging module]
Touchscreen Size	13.3 inches
Screen Brightness	250cd/m ²
Screen Resolution	1920×1080 (16:9)
Touch Points	Up to 10-point capacitive touch
Electrical Interfaces	4×100W Type-C, 1×Gigabit Ethernet, 2×12V/DC2.5, OTG debug port
Operating Temperature	−35°C to 65°C
Storage Temperature	−40°C to 85°C