

Special AC Drive for Ball Mill

Features:

- Soft Start: Starting current is 3-5 times faster than normal drives.
- Speed Control: PLC grind time, milling time, and automatic stop.
- Item: AC-DC-AC AC drive.



Product Detail

The SD300Q series special AC drive for ball mill is a high-performance, energy-saving control product. It is mainly used to control and adjust the speed and torque of three-phase AC asynchronous motors. As a new generation of technology-upgraded products from

SINOVO, the SD300Q series adopts high-performance current vector control technology. It features low-frequency high-torque output, strong overload capability, good stability, and dynamic performance. It supports multiple communication bus protocols, PG cards, and abundant features with stable performance. The SD300Q has excellent anti-tripping control and adapts well to poor power grid conditions, making it suitable for various types of automated production equipment.

SD300Q Series Special AC Drive for Ball Mill Performance Features:

1. **Soft Start:** After using variable frequency speed control, the starting current is 3-5 times smaller than before.
2. **Energy Saving Effect:** The ball mill's variable frequency speed control energy-saving system typically achieves savings of 5%~15%.
3. **Speed Control:** The variable frequency control cabinet features PLC automatic operation functions, allowing easy settings for PLC grind time, milling time, and automatic stop functions for a more intelligent and user-friendly operation.
4. **Longevity:** The AC drive's automatic voltage regulation function maintains maximum motor efficiency, eliminating the starting impact. This prolongs the service life of mechanical parts like shafts, gears, and belts, thereby reducing maintenance costs.
5. **Protection:** The system includes comprehensive protections such as phase failure, short circuit, overvoltage, and overcurrent. It also supports energy-saving switch functions and ensures stable equipment operation.
6. **Integrated Design:** The SD300Q AC drive features an internal air switch, relay, and main circuit components, along with specialized internal wiring. Its built-in high-stability AC/DC power supply ensures system safety and reliability.