

MVW01 - Medium Voltage Drive

The third generation of the MVW01 offers power arms with a new cooling system and an electric panel with a new design of thermal dissipation that allows a greater range of power output when compared to the previous version.

The MVW01 third generation also introduces the new HMI touch screen that provides the operator an easy interaction to program the drive, access and read the parameters, configure the exhibition mode (letters size, idioms, colors, etc.), create graphics and also, by means of pop-up windows, see text messages as alarms, trips, error log, help, etc.

Applied for a wide range of industrial applications that require variable speed control, such as compressors, pumps, fans, conveyor belts, mills, etc. or to start high power motors (synchronous or asynchronous).

The MVW01 third generation is an efficient and reliable solution that not only enables process speed control but also provides energy savings and reduced operating / maintenance costs.



MVW3000 - Medium Voltage Drive

WEG introduces the new MVW3000 Medium Voltage Variable Speed Drive. With an easy-to-use HMI, which follows the same programming concept used by the LV line, the MVW3000 is perfect for a wide range of industrial applications that require speed variation, such as compressors, pumps, fans, conveyor belts and mills. For new installations or retrofits, the MVW3000 is an efficient and robust solution to control the speed and streamline the process, reducing energy consumption and maintenance costs.

MVW3000 is a Voltage Source Inverter (VSI) based on the multi-level Cascaded H-Bridge (CHB) topology. The almost sinusoidal output waveforms produced by the drive allow the use of this VSD with new or existing synchronous and induction motors without demanding especial insulation.



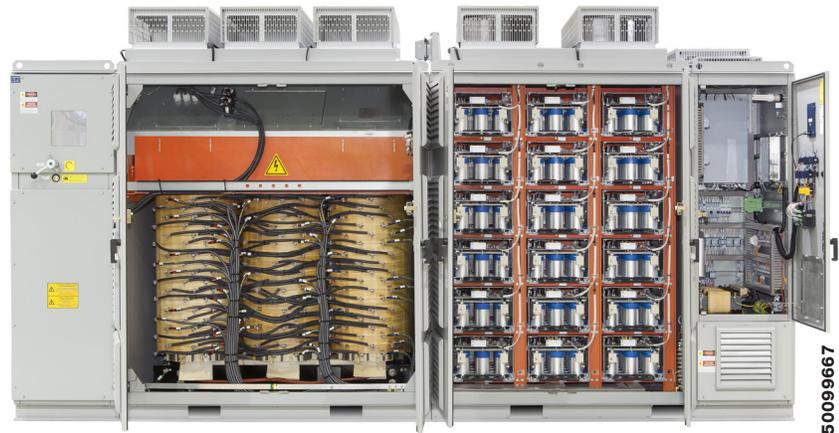
Medium Voltage Drives



- WEG designs and manufacturer our medium voltage drives (no brand label)
- Solutions up to 30,000 HP output power
- Output voltage from 1,15kV to 13,8kV
- Multiple topologies to better suit customer's application
- Motor protection included in the drive, no need for additional devices to protect the motor
- Plastic Film Capacitors - 20 yr shelf life
- Redundant cooling fans
- Arc flash detection within VFD
- Meets or exceeds IEEE-519
- Works with induction, synchronous and permanent magnet motors
- Synchronous Transfer Configuration available (One VFD capable of starting multiple motors)
- PLC features
- Communication link using the most well-known protocols
- WEG can be your one stop shop for transformer, motor and drives
- Programing tools downloadable from our website at no cost
- Combining our motors and drives together adds additional perks to the customer.



MVW01



MVW3000

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