

Flexible, reliable, proven solutions for low-voltage drive applications

Ready-to-use Altivar Plus drive systems

Schneider Electric Altivar™ Plus enclosed drives feature the Altivar 61 and Altivar 71 adjustable-frequency drives providing a robust, packaged, adjustable-speed solution for commercial, industrial, and municipal applications. These drives combine the reliability and ease-of-use of the Altivar drives family with proven, validated, and tested drive system designs.

Altivar Plus enclosed drives are:

- Pre-engineered, ready-to-use solutions in highly efficient designs
- Tested and validated before shipment to ensure smooth installation
- Modular and compact to maximize space utilization
- Easy to set up and commission with intuitive operator interface
- NEMA® Type-12 enclosures



> Reliability

Proven Altivar drives technology for maximizing productivity and quality

> Flexibility for programming and communications requirements

Graphic terminal with customizable display and many field-bus options for easy integration into existing automation systems

> Control system flexibility

Large swiveling control panel for customization of drive controls

> Ease-of-maintenance

Inverter mounted on rails

> Flexibility for application requirements

Incoming/outgoing section configurable to your needs

> Technical support

Global expertise combined with a responsive local support and service for unsurpassed reliability

Make the most of your energySM

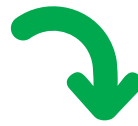
Schneider
Electric™

Proven designs to meet your basic drives needs:

- UL® Type-12 enclosures
- Fused disconnect with current-limiting fuses or circuit breaker
- 3% line reactor
- 100,000 amps SCCR
- Slide-out inverters
- Disconnect handle with lock-out/tag-out provisions
- Hand-off-auto-selector switch
- Manual-speed potentiometer
- Door-mounted graphic display terminal
- Auto-start relay (120 Vac control)
- One form "C" AFC run mode contact
- One form "C" AFC fault contact
- Permanent wire markers
- Bottom-wire entry
- UL 508A listed

Options:

- Integrated bypass
- Soft-start bypass
- Passive harmonic filter
- 18 pulse (up to 450 hp CT/VT)
- Surge arrester
- 5% line reactor
- DV/DT motor filter
- Line contactor
- 8" plinth
- Top-entry cubical
- Communication cards
- I/O extension cards



- 1 Schneider Electric enclosure
- 2 Swiveling control panel
- 3 Fused disconnect
- 4 Line contactor (optional)
- 5 Top-mount ventilation
- 6 Control transformer
- 7 Altivar power converter
- 8 Power converter mounted-on rail system
- 9 Motor connection
- 10 DV/DT motor filter (optional)
- 11 Bottom entry

Power and voltage class

Altivar Plus with Altivar 61	Altivar Plus with Altivar 71
125 – 900 HP, 460 Vac	125 – 700 HP, 460 Vac
125 – 800 HP, 575 Vac	125 – 700 HP, 575 Vac

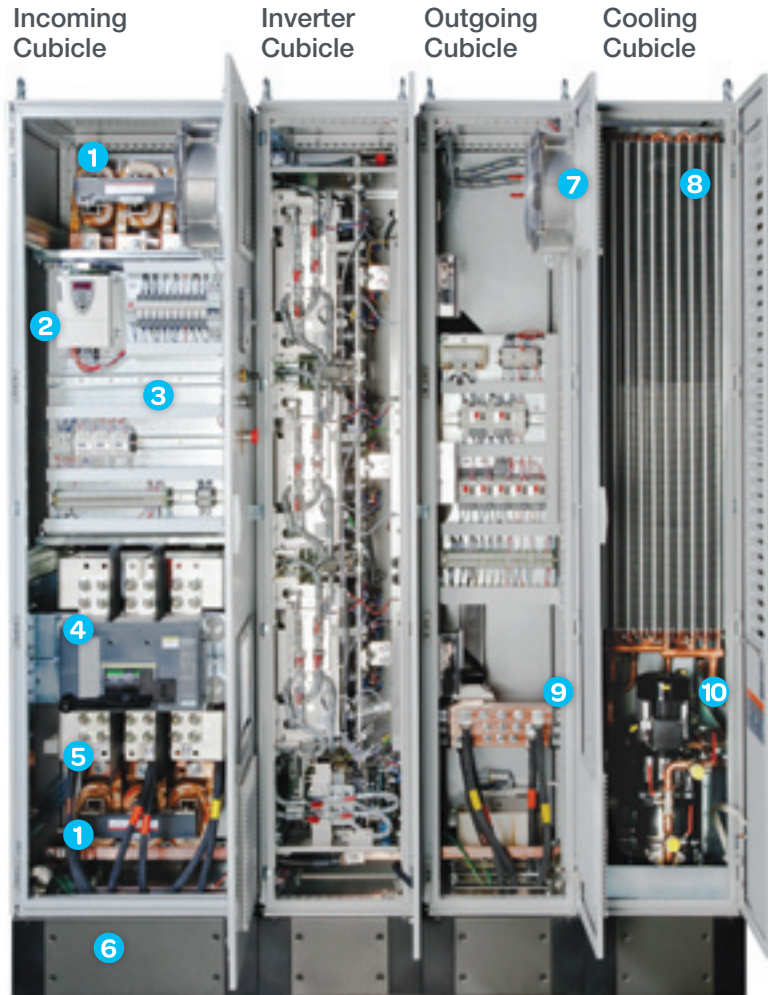
Dimensions

Height	Width	Depth
82.3" (2,091 mm)	23.6" (600 mm)	23.6" (600 mm)
82.3" (2,091 mm)	39.4" (1,000 mm)	23.6" (600 mm)
82.3" (2,091 mm)	70.8" (1,800 mm)	31.5" (800 mm)

Note: The above dimensions are for a standard non-bypass package. Additional sizes are available, depending on options. For more options or information, contact your local Schneider Electric sales representative.

Customize your drive system with pre-engineered options:

- 5% line reactor
- 100,000 amps SCCR
- DV/DT motor filter
- Bottom wire entry
- Pushbutton control options
- Pilot light combinations
- Communication cards
- I/O extension cards
- Encoder cards
- Controller inside card



- 1 Line reactor
- 2 Operator interface
- 3 Swiveling control panel
- 4 Circuit breaker
- 5 Line connection
- 6 Plinth
- 7 Cubicle fans
- 8 Heat exchanger
- 9 Motor connection
- 10 Cooling

Power and voltage class

Altivar Plus with Altivar 61	Altivar Plus with Altivar 71
900 – 2,000 HP, 460 Vac	700 – 1,800 HP, 460 Vac
800 – 2,500 HP, 575 Vac	700 – 2,100 HP, 575 Vac

Dimensions

Height	Width	Depth
78.7" (2,000 mm)	70.8" (1,800 mm)	23.6" (600 mm)
78.7" (2,000 mm)	149.6" (3,800 mm)	23.6" (600 mm)

Note: For more information on additional product options, please contact your local Schneider Electric sales representative.

Altivar Plus enclosed drives are designed for a variety of applications, including:



Mining, Minerals, & Metals

- Feeders/conveyors
- Hoisting applications
- Crushers, slurry pumps
- Tunnelboring machines



Oil & Gas

- Drilling rigs
- Jack and slurry pumps
- Oil-line and submersible pumps



Water & Wastewater

- Mixers
- Distribution and chemical pumps
- Centrifuges
- Compressors



Other

- Marine
- Energy

Get ahead with the Altivar family of variable-speed AC drives

The Altivar family of variable speed AC drives presents the most advanced and user-friendly solutions in the marketplace. They feature motor control algorithms to achieve optimal reaction times and complete scalability to match your application requirements for speed, size, and protection.

Take advantage of high-level global service and support

At Schneider Electric, our product specialists, industry experts, distributors, and partners located around the world work with you to deliver best-in-class service and support including:

- Professional technical phone support
- Project management
- System testing and verification
- Field services
- Product-repair services
- Customized customer training

For more information about the Altivar drives family, visit www.schneider-electric.com/us and enter key code **p701v**

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