

AC and Servo Drives

Series: 650/650V AC Variable Frequency Drive 0.3 – 150 HP

Ratings: Constant and Variable Torque, 150% Overload for 30 seconds

Control Modes: Volt/Hz or Sensorless Vector

Single Phase: 1.5A) – 7A, 220-240Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Three Phase: 9.6A - 192A, 220-240Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Three Phase: 1.5A – 180A, 380-460Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Product Brochure: [Click here for "650-Series Inverters" PDF \(3.8mb\)](#)

Typical Applications: General Purpose, Fans, Pumps, Blowers, Conveyors



Series: 690Plus AC Variable Frequency Drive 0.3 -1600 HP

Variable Torque Ratings: 115% Overload for 10 seconds

Constant Torque Ratings: 150% Overload for 60 seconds

Control Modes: Volt/Hz or Sensorless Vector or Close Loop Vector or Phase Lock

Single Phase: 4.3A – 10.5A, 220-240Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Three Phase: 4.3A - 192A, 220-240Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Three Phase: 2.5A – 1852A, 380-460Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Product Brochure: [Click here for "690-Series AC Drives" PDF \(1.3mb\)](#)

Typical Applications: All 650V plus excellent for all Web Handling Systems (Tension, Dancer, Unwinds/Winders, Draw, Speed Ratio Control Standard). Communication options to Allen Bradley,

Siemens and many other PLCs. Deterministic, high speed peer-to-peer control option. Fully regenerative drives or common bus configurations are available. System's board build standard option for additional drive I/O and internal multi-drive phase-lock electronic line shaft control.



Series: 890 Modular AC Variable Frequency Drive 0.3 -1600 HP

Constant Torque Ratings: 150% Overload for 60 seconds

Control Modes: Volt/Hz or Sensorless Vector or Close Loop Vector or Registration

Single Phase: 4.3A – 10.5A, 220-240Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Three Phase: 4.3A - 192A, 220-240Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Three Phase: 2.5A – 1852A, 380-460Vac $\pm 10\%$, 50-60Hz $\pm 5\%$

Product Brochure: [Click here for "AC890" PDF \(3.3mb\)](#)

Typical Applications: All 650V and 690+ plus Servo capabilities, simplified common bus or fully regenerative systems, gearless print registration control, cut to length, precision direct drives, common supply section and zero clearance drive design minimizes system size, reduces system components and simplifies system manufacture. Works with Brushless AC, Brushless DC and AC Induction servo motors.

