



3LH
SERIES
350 HP to 800 HP



3LH SERIES
VARIABLE FREQUENCY DRIVE
Three-Phase | Custom 508A Options

**INTUITIVELY
ENGINEERED**

Models	Rated HP	Rated Current	Temperature Rating	Dimensions (H x W x D w/o legs installed)
3LH4350R	350 HP	415 A	50°C	67 x 49 x 36
3LH4400R	400 HP	478 A	40°C	67 x 49 x 36
3LH4500R	500 HP	590 A	40°C	67 x 49 x 36
3LH4600R	600 HP	730A	40°C	67 x 49 x 36
3LH4700R	700 HP	830A	40°C	66 x 86 x 37
3LH4800R	800 HP	900 A	40°C	66 x 86 x 37

508A Panel Shop Options

- MCCB Service Rated Disconnect
- Speed Potentiometer
- Wall Mount Kit
- Strikesorb® 40-D Surge Protection
- HOA Switch
- Leg Kit (LEGS11)

The Leader In Low Harmonic VFDs
GUARANTEED

Active Front End Technology

- Guaranteed IEEE 519 compliant without additional harmonic filters at .5% THDi or less
- Phase Technologies guarantees that the LH SERIES product line will meet the IEEE 519-2014 standard as long as a minimum load of 80% is maintained as related to the max current rating of the system
- Output voltage boosting capability up to 500 V
- Will operate with input voltage imbalance up to 30%

Regenerative

- Maximize efficiency with balanced, stable voltage to the load and full regeneration on shutdown

Significantly reduce installation and maintenance costs

Integrated Design

- Reduced installation time vs a six pulse system with a bulky harmonic filter
- Does not require additional DC chokes, line reactors, or capacitor isolation contactors.

Quality Components

- Film bus capacitors last 40 years vs harmonic filters that need service every 4-6 years
- All steel cabinet with ducted cooling keeps critical components, dust and debris free

Industry Best Lead Times

- Designed and manufactured in the USA



Scan to access 3LH SERIES weights and dimensions



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