

# Migration Solutions



## Bulletin 1606-XL to 1606-XLE/XLS Switched Mode Power Supplies

### Why Upgrade or Migrate

While Allen-Bradley 1606-XL switched mode power supplies have provided dependable service to many customers, they will no longer be available for sale after September 2017.\*

The replacement 1606-XLS and XLE power supplies provide higher performance at a lower price, generally in a smaller size.

### 1606-XLE/XLS Features and Benefits

#### Industry-Leading Efficiency

- Intelligent circuit design with long-life electrolytic capacitors
- Generates minimal heat
- Allows 20% continuous (XLE family) or 50% temporary (XLS family) additional power reserve without reducing output voltage, while minimizing ripple and noise

#### Wide Power Range and Feature Set

- Multiple single- and three-phase inputs available for global applications
- Redundancy modules provide a means for managing dual power supplies for back-up power
- Multiple output voltages available

#### Compact Size

- Less width saves panel space
- Expands plant flexibility

#### Approvals

- UL, CE, CSA, GL SEMI F47, RCM
- Class I Div. 2
- cULus and cURus listed



### Identify, Mitigate and Help Eliminate the Risk of Automation Obsolescence

In today's economy, it is necessary to have migration solutions that help you to achieve increased productivity and lessen your risk of maintaining your legacy equipment. You need to work with a supplier that has the product, service and industry knowledge to partner with you on an upgrade strategy that will help you maximize your competitive advantage.

Rockwell Automation and its partners will work with you to outline a plan that fits your application needs and long-term goals. We can help you migrate all at once or in phases, at the pace that is comfortable for you and fits your budget.

With your goals in mind, Rockwell Automation has developed a migration strategy that will allow you to quickly and easily migrate from 1606-XL power supplies to 1606-XLE/XLS power supplies.

### Product Lifecycle

Use the [Product Lifecycle Status](#) search tool on the web to find specific lifecycle information by catalog number.



- **ACTIVE:** Most current offering within a product category.
- **ACTIVE MATURE:** Product is fully supported, but a newer product or family exists. Gain value by migrating.
- **END OF LIFE:** Discontinued date announced – actively execute migrations and last time buys. Product generally orderable until the discontinued date.<sup>1</sup>
- **DISCONTINUED:** New product no longer manufactured or procured.<sup>2</sup> Repair/exchange services may be available.

<sup>1</sup> - Outages on specific items may occur prior to the Discontinued date.

<sup>2</sup> - Limited stock may be available in run-out mode, regionally.

\* Discontinued date may be subject to change.



## 1606-XL Compared to 1606-XLE and 1606-XLS



	XL Series	XLE Series	XLS Series
AC Input Voltage	100/240	115/230 auto select	100/240 wide range
DC Input Voltage Single-/Three-phase	160-375-/450-820	210-375/450-780	
Watt Range [W]	60-960	80-960	80-960
Adj. Output Voltage	Yes	Yes	Yes
Multiple Output Voltage [V]	12, 24, 30, 36, 48	12, 24, 48	12, 24, 30, 36, 48
Power Boost	–	20% power boost	50% power boost
DC-OK Signal	–	Select models	Yes
Temperature Range	-10...+70 °C	-25...+70 °C	-25...+60 °C
Efficiency	82...92%	90...96%	91.6...95%
Terminals	Screw	Screw	Spring clamp

XL Catalog Number	Replacement XLE/XLS Catalog Number
1606-XL120D	1606-XLE120E
1606-XL180B	1606-XLS180B
1606-XL240E	1606-XLE240E
1606-XL240E-3	1606-XLE240E-3
1606-XL240EP	1606-XLE240E
1606-XL240FP	1606-XLE240F
1606-XL480E	1606-XLE480EP
1606-XL480E-3	1606-XLS480E-3
1606-XL480E-3W	1606-XLS480E-3
1606-XL480EP	1606-XLE480EP
1606-XL480EPT	1606-XLE480EP
1606-XL480F	1606-XLE480FP

XL Catalog Number	Replacement XLE/XLS Catalog Number
1606-XL480F-3H	1606-XLS480F-3
1606-XL480GP	1606-XLS480G
1606-XL60D	1606-XLE80E
1606-XL720E-3	1606-XLE960DX-3N
1606-XL960E-3	1606-XLE960DX-3N
1606-XL960E-3S	1606-XLE960DX-3N
1606-XLBUFFER	1606-XLSBUFFER24
1606-XLDNET4	1606-XLSNET4
1606-XLDNET8	1606-XLSNET8
1606-XLRED20-30	1606-XLSRED40 or XLRED80
1606-XLRED40	1606-XLSRED40

XL Specialty Modules NOT being discontinued	
1606-XL120DR	1606-XLA
1606-XL120E-3	1606-XL60DR
1606-XL240DR	1606-XLDC40A
1606-XL240E-3C	1606-XLDC92D

## Why Upgrade or Migrate

To better understand your options, contact your local authorized Allen-Bradley distributor or Rockwell Automation sales office or visit: [www.rockwellautomation.com/go/lifecycle](http://www.rockwellautomation.com/go/lifecycle) and [www.rockwellautomation.com/go/migration](http://www.rockwellautomation.com/go/migration)

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[www.rockwellautomation.com](http://www.rockwellautomation.com)

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