

## COSEL Launches the CXLPA Series

### High-Reliability Enclosed Power Supplies for Global Markets

Toyama, Japan - April 2026 - COSEL Co., Ltd. today announced the launch of the CXLPA Series, a new family of high-reliability enclosed power supplies introduced under the COSELSYNC. brand. The lineup includes models with output power ratings of 100 W, 150 W, 320 W, 600 W, and 750 W, offering a broad selection for industrial equipment manufacturers worldwide. Designed for global use, the CXLPA Series supports a wide input voltage range and maintains stable operation even under severe voltage fluctuations, contributing to improved equipment reliability in diverse environments.

#### 1. Development Background

Industrial equipment demand continues to grow across global markets, including regions where supply voltages vary significantly and power quality can be unstable. In many emerging markets, sudden voltage fluctuations and momentary drops are common, increasing the need for power supplies capable of maintaining stable operation across a wide input range.

To address these challenges, COSEL developed the CXLPA Series, an enclosed power supply designed for global deployment with an input range of 85–305 Vac. This wide range enhances equipment reliability, reduces the risk of malfunction caused by unstable power conditions, and provides greater design flexibility for manufacturers serving multiple regions.

#### 2. Product Features

##### (1) Wide Input Voltage Range for Global Use

The CXLPA Series supports an exceptionally wide input voltage range of **85–305 Vac**, enabling stable operation under varying power conditions found across different regions. Even in environments with frequent voltage fluctuations, the series maintains reliable performance, helping reduce equipment downtime and ensuring consistent operation.

##### (2) Compliance with SEMI F47 Voltage Sag Immunity Standards

The series complies with **SEMI F47**, the international standard defining voltage sag immunity requirements for semiconductor manufacturing equipment. This compliance ensures that equipment continues operating during momentary voltage drops caused by sudden load changes or power disturbances. As a result, the CXLPA Series is well suited not only for semiconductor manufacturing systems but also for a wide range of industrial applications requiring high reliability.

##### (3) Wide Output Voltage Adjustment Range

To support diverse system requirements, the CXLPA Series provides an output voltage adjustment range of up to **±15%**. This flexibility allows optimal voltage tuning for each application and helps compensate for voltage drops caused by wiring or load conditions. The adjustable range contributes to improved design freedom and more efficient system integration.

##### (4) Product Lineup

Model name	Output voltage	Output Wattage	Case size : W×H×D	Weight
CXLPA100F	5V, 12V, 15V, 24V, 36V, 48V	100W	99 x 30 x 179mm	420g max
CXLPA150F	5V, 12V, 15V, 24V, 36V, 48V	150W	99 x 30 x 179mm	420g max
CXLPA320F	5V, 12V, 15V, 24V, 36V, 48V	320W	115 x 30 x 215mm	620g max
CXLPA600F	12V, 15V, 24V, 36V, 48V	600W	127 x 40.5 x 230mm	1.02kg max
CXLPA750F	12V, 15V, 24V, 36V, 48V	750W	127 x 41 x 250mm	1.15kg max

### 3. Target Applications

- (1) Semiconductor Manufacturing Equipment
- (2) Measurement and Test Equipment
- (3) Communication and Broadcasting Equipment
- (4) Display and Entertainment Equipment
- (5) Lighting and Building-related Equipment
- (6) Other General Industrial Equipment

### 4. Release Schedule and Market

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|--|--------------------|
| CXLPA100F-320F Models with output voltages except 5V | : From May 2026    |
| CXLPA100F-320F Models with output voltages 5V        | : From August 2026 |
| CXLPA600F-750F Models                                | : From August 2026 |

Note: These products will be available in global markets excluding Japan.

### 5. Product Images



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