May 7th. 2026

COSEL newly launches its FDA Series

High voltage input and Compact AC-DC power supplies.

1. Design Background

A power supply is an essential device for many applications such as control equipment for factory and infrastructure equipment.

In recent years, with the increasing sophistication of factory and infrastructure equipment and the rise in power demand, there has been a shift towards higher voltages of 400VAC class, and equipment design is also required to reduce losses and improve efficiency.

Until now, COSEL has focused on the existing FCA Series, but to meet these demands, it has developed its FDA Series of AC-DC power supplies, which achieves a compact while supporting high-voltage input of 400VAC class.

2. Product Features:

(1) Compact Case Size

FDA75F: Approximately 24% smaller than the existing FCA75F model.

FDA200F: Approximately 56% smaller than the existing FCA200F model.

(2) High Voltage Input

180VAC to 528VAC input available. Single-phase input or two-phase input from three-phase lines also available.

(3) Compatibility with changes in output power

Same Case Size Design between 50W and 75W, or 150W and 200W. Available to reduce design reconsideration time when output power is required to change.

(4) Approval by safety standards agency and compliance with the CE mark

UL (America), C-UL (Canada), DEMKO (Denmark) [Certification application pending]

CE Marking: Low Voltage Directive, RoHS Directive

(5) Product line-up

Model Name	Outputs	Rated Power	Case Size: W × H x D	Weight
FDA50F	24V	50W	50 x 125 x 124 mm [1.97 x 4.92 x 4.88 inches]	550g (max.)
FDA75F	24V	75W	50 x 125 x 124 mm [1.97 x 4.92 x 4.88 inches]	550g (max.)
FDA150F	24V	150W	65 x 125 x 124 mm [2.56 x 4.92 x 4.88 inches]	800g (max.)
FDA200F	24V	200W	65 x 125 x 124 mm [2.56 x 4.92 x 4.88 inches]	800g (max.)

3. Target Applications

(1) Factory Equipment, Control Equipment for Factory Automation

(2) Motor Control Equipment like Inverter and Servo Motor

(3) Semiconductor Manufacturing Equipment

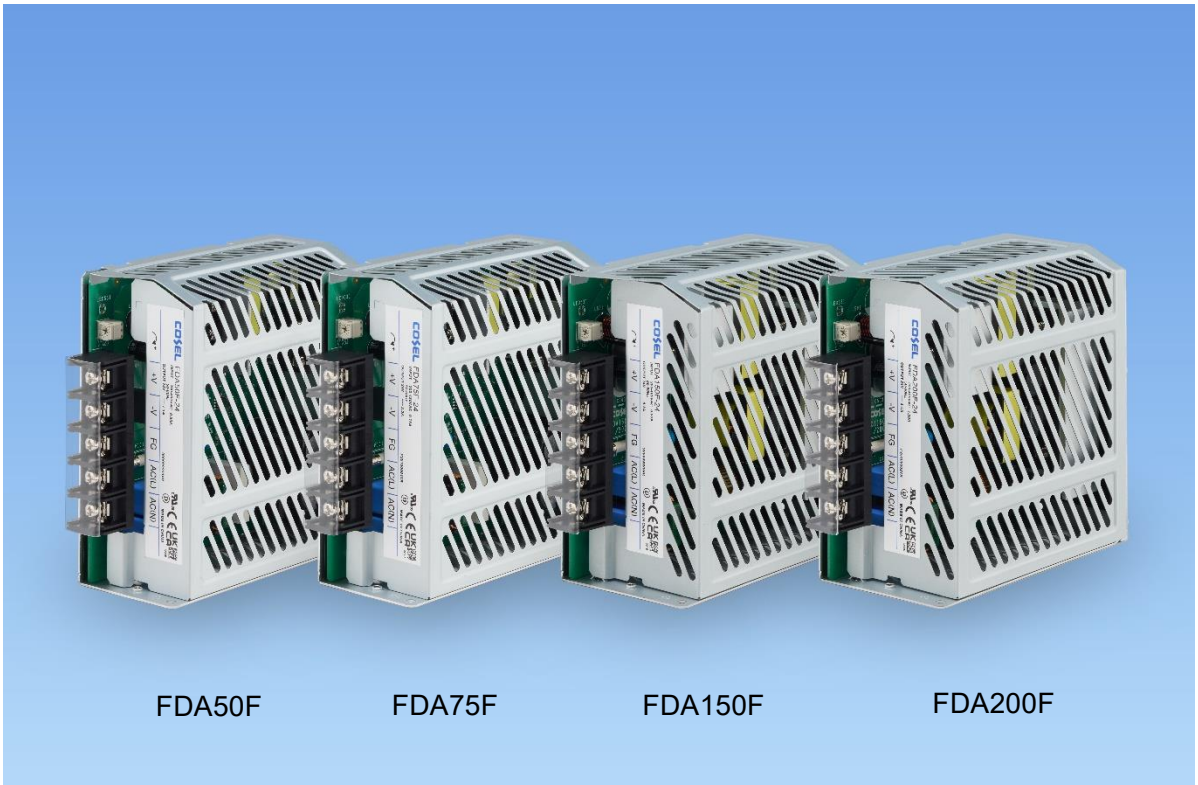
(4) Industrial Robotics

(5) Other General Industrial Equipment

4. Release Schedule

June 2026

5. Product Images



FDA50F FDA75F FDA150F FDA200F

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