

COSEL expands its PJA Series with PJA15F•PJA30F•PJA50F models

1. Design Background

COSEL has already introduced its PJA Series of AC-DC single output power supplies in 100 to 600 Watts versions. This Series is the next generation to the successful PLA Series. COSEL is now expanding the PJA Series by adding 15, 30 and 50 Watt versions. The PJA Series line-up will now have output power of 15, 30, 50, 100, 150, 300 and 600 Watts.

2. Product Features

(1) Compatibility

Same case size and mounting dimensions as the existing PLA Series (Easy Drop-in Replacement of the PLA).

(2) Higher Efficiency 84.0%

Ex.) PJA15F-24: Approximately 4 points improvement compared to the existing PLA model.)

(3) Low noise design

Complies with CISPR32-B, FCC-B, VCCI-B, EN55032-B

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

UL (America), C-UL (Canada), DEMKO (Denmark)

UL62368-1, EN62368-1

(5) Enriched Optional Input / Output Interfaces

Ex.) DIN rail attachment, Vertical type terminal block, etc.

(6) Product line-up

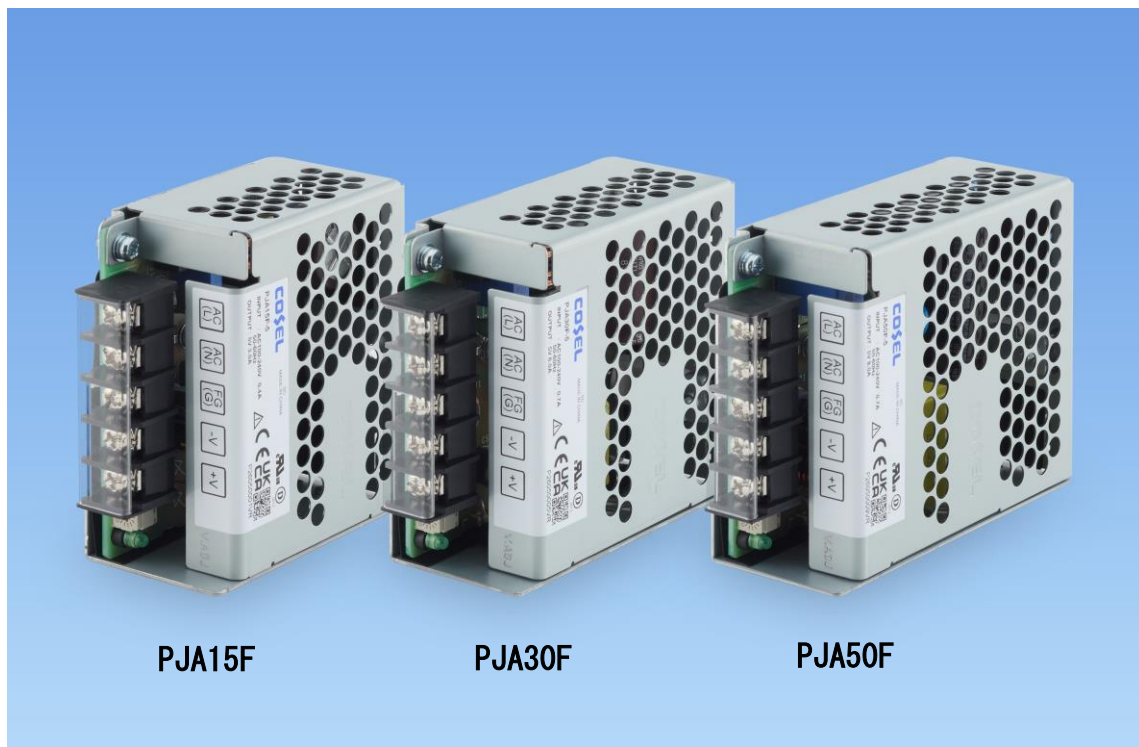
Model Name	Outputs	Rated Power	Case Size: W x H x D	Weight
PJA15F	5V, 12V, 15V, 24V	15W	38 x 80 x 73 mm [1.50 x 3.15 x 2.87 inches]	230g (max.)
PJA30F	5V, 12V, 15V, 24V	30W	38 x 80 x 88 mm [1.50 x 3.15 x 3.46 inches]	280g (max.)
PJA50F	5V, 12V, 15V, 24V	50W	38 x 80 x 99 mm [1.50 x 3.15 x 3.90 inches]	340g (max.)

3. Target Applications

- (1) Measurement • Factory Automation Equipment
- (2) Industrial Robotics
- (3) Signs, and Other Display Equipment
- (4) Amusement Equipment
- (5) Various Manufacturing Equipment like Chipmounting Machines
- (6) Semiconductor Manufacturing Equipment
- (7) Other General Industrial Equipment

4. Release Schedule
June 2026

5. Product Images



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