

# IFS Transmission

## Power Supplies



### OVERVIEW

IFS® offers a broad-range of power supplies for commercial and industrial applications.

These power supplies are available in various configurations, such as wall-mount with exchangeable plug adaptors for flexible global use, desktop “in-line brick style” and DIN-rail for robust industrial applications. These supplies provide a variety of voltage outputs, such as, 5VDC, 12VDC and 24VAC for standard product operation and 48VDC and 54VDC for PoE applications.

Switching supplies include advanced technology and power savings, meeting Level IV (4), Level V (5) and Level VI (6) International Efficiency in compliance with California Energy Commission, Energy Star and the EU Code of Conduct for external power supplies. Supplies can be mixed and matched to a variety of IFS transmission products to meet various installation requirements.

### STANDARD FEATURES

#### Voltages

- 5VDC, 12VDC or 24VAC
- 48VDC and 54VDC for PoE devices

#### Form-factors

- Wall-mount
- Desktop (in-line brick)
- DIN-Rail mount

#### Applications

- For use with IFS Transmission fiber modules, network switches and media converters
- Commercial or Industrial-grade
- Models for meeting world-wide power requirements

#### Regulatory Certifications

- UL approved
- CSA approved
- Level IV, V and VI International Efficiency compliant

#### Warranty

- Two-year warranty

## Specifications

### IFS Standard Power Supplies

Part Number	Input Voltage	Frequency Range	Output Voltage	Amperage	Type	Dimensions	Weight	Power Level**	Certifications
<b>5VDC Power Supplies (For use with IFS MCR Series Media Converters)</b>									
PS5VDC2A-US	90AC-264AC	47-63Hz	5VDC	2 amp	In Wall	2.9 x 2.6 x 1.3 in. (72.5 x 65.7 x 33.6 mm)	.24 lbs. (110g)	Level 4	EMI Requirements: CISPR 22 Class B, EN55022 Class B, EN61204-3 Class B, VCCI Class B, FCC parts 15 Class B, BSMI; EMS Requirements: EN55024, IED61000-4-2, IEC-61000-4-3, IEC 61000-4-4, IEC-6100-4-5, IEC-61000-4-6, IEC-61000-4-8, IEC-61000-4-11; Safety Requirements: IEC 60950, EN60950-1: CE, TUV, Efficiency Level IV
PS5VDC2A-EU	90AC-264AC	47-63Hz	5VDC	2 amp	In Wall	2.9 x 2.6 x 1.3 in. (72.5 x 65.7 x 33.6 mm)	.24 lbs. (110g)	Level 4	
PS5VDC2A-UK	90AC-264AC	47-63Hz	5VDC	2 amp	In Wall	2.9 x 2.6 x 1.3 in. (72.5 x 65.7 x 33.6 mm)	.24 lbs. (110g)	Level 4	
PS5VDC2A-AUS	90AC-264AC	47-63Hz	5VDC	2 amp	In Wall	2.9 x 2.6 x 1.3 in. (72.5 x 65.7 x 33.6 mm)	.24 lbs. (110g)	Level 4	
PS5VDC25W	90AC-264AC	47-63Hz	5VDC	5 amp	Brick	4.9 x 2 x 1.24 in. (125 x 50 x 91.31.5 mm)	.46 lbs. (208g)	Level 5	

### 12VDC Power Supplies (For use with IFS Fiber modules, media converters and switches)

PS12VDC1.5A-U*	100-240VAC	50-60Hz	12VDC	1.5 amp	In Wall	1.7 x 1.4 x 2.9 in. (43.5 x 35.3 x 74 mm)	.23 lbs. (105g)	Level 5	61000-4-4, IEC-6100-4-5, IEC-61000-4-6, IEC-61000-4-8, IEC-61000-4-11; Safety Requirements: IEC 60950, EN60950-1: CE, TUV, Efficiency Level IV
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### 24VAC Power Supplies (For use with IFS Fiber modules and media converters)

PS24VAC.6-US	120AC	60Hz	24VAC	600ma	In Wall	3.2 x 2.3 x 1.9 in. (81.6 x 58.7 x 48.7 mm)	1.2 lbs. (544g)	Level 4	TUV test to EN60950-1:2006. UL Listed as EPBU.E194233
PS24VAC.6-EU	230AC	50Hz	24VAC	600ma	In Wall	3.2 x 2.3 x 1.9 in. (81.6 x 58.7 x 48.7 mm)	1.4 lbs. (635g)	Level 4	
PS24VAC.6-UK	230AC	50Hz	24VAC	600ma	In Wall	3.2 x 2.3 x 1.9 in. (81.6 x 58.7 x 48.7 mm)	1.4 lbs. (635g)	Level 4	
PS24VAC.6-AUS	230AC	50Hz	24VAC	600ma	In Wall	3.2 x 2.3 x 1.9 in. (81.6 x 58.7 x 48.7 mm)	1.4 lbs. (635g)	Level 4	
613P***	100-240VAC	50-60Hz	13.5VDC	1.3 amp	Brick	1.3 x 2.4 x 4.2 in. (32 x 62 x 106 mm)	.79 lbs. (360g)	Level 5	

### IFS PoE Power Supplies

Part Number	Input Voltage	Frequency Range	Output Voltage	Amperage	Type	Dimensions	Weight	Power Level**	Certifications
<b>48VDC Power Supplies (For use with IFS single-port PoE-af Injectors)</b>									
PS48VDC.38A-US	90AC-264AC	47-63Hz	48VDC	380ma	In Wall	.35 x 2.8 x 1.4 in. (8.85 x 69.9 x 35 mm)	.24 lbs. (110g)	Level 4	EMC: CISPR 22 Class B, EN55022 Class B, EN61204-3 Class B, FCC parts 15 Class B, BSMI: EMS Requirements: EN55024, IEC-61000-4-2, IEC-61000-4-3, IEC-6100-4-4, IEC-61000-4-5, IEC-61000-4-6, IEC-61000-4-8, IEC-61000-4-11; Safety Requirements: IEC 60950, UL 60950-1TUV, Efficiency Level IV
PS48VDC.38A-EU	90AC-264AC	47-63Hz	48VDC	380ma	In Wall	.35 x 2.8 x 1.4 in. (8.85 x 69.9 x 35 mm)	.24 lbs. (110g)	Level 4	
PS48VDC.38A-UK	90AC-264AC	47-63Hz	48VDC	380ma	In Wall	.35 x 2.8 x 1.4 in. (8.85 x 69.9 x 35 mm)	.24 lbs. (110g)	Level 4	
PS48VDC.38A-AUS	90AC-264AC	47-63Hz	48VDC	380ma	In Wall	.35 x 2.8 x 1.4 in. (8.85 x 69.9 x 35 mm)	.24 lbs. (110g)	Level 4	

### 48VDC Power Supplies (For use with IFS 4-port PoE-af injectors)

PS48VDC72W-US	90AC-264AC	47-63Hz	48VDC	1.5A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.45 lbs (204g)	Level 5	EMC: CISPR 22 Class B, EN55022 Class B, EN61204-3 Class B, FCC parts 15 Class B, BSMI: EMS Requirements: EN55024, IEC-61000-4-2, IEC-61000-4-3, IEC-6100-4-4, IEC-61000-4-5, IEC-6100-4-6, IEC-61000-4-8, IEC-61000-4-11; Safety Requirements: IEC 60950, UL 60950-1TUV, Efficiency Level V
PS48VDC72W-EU	90AC-264AC	47-63Hz	48VDC	1.5A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.45 lbs (204g)	Level 5	
PS48VDC72W-UK	90AC-264AC	47-63Hz	48VDC	1.5A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.45 lbs (204g)	Level 5	
PS48VDC72W-AUS	90AC-264AC	47-63Hz	48VDC	1.5A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.45 lbs (204g)	Level 5	

## IFS PoE Power Supplies (cont.)

Part Number	Input Voltage	Frequency Range	Output Voltage	Amperage	Type	Dimensions	Weight	Power Level**	Certifications
<b>48VDC DIN-Rail Industrial Power Supplies (For use with IFS multi-port Industrial PoE-af/at media converters and switches)</b>									
PS48VDC100W-DIN	90AC-264AC	47-63Hz	48VDC	2 amp	DIN-Rail	2.2 x 3.5 x 3.9 in. (55 x 90 x 100 mm)	.93 lbs. (420g)	Level 5	EMC: CISPR 22 Class B, EN55022 Class B, EN61204-3 Class B, FCC parts 15 Class B, BSMI: EMS Requirements: EN55024, IEC-61000-4-2, IEC-61000-4-3, IEC-6100-4-4, IEC-61000-4-5, IEC-61000-4-6, IEC-61000-4-8, IEC-61000-4-11: Safety Requirements: IEC 60950, UL 60950-1TUV, Efficiency Level V
PS48VDC240W-DIN	90AC-264AC	47-63Hz	48VDC	5 amp	DIN-Rail	2.5 x 4.9 x 4.5 in. (63 x 125.2 x 113 mm)	2.27 lbs. (1.03Kg)	Level 5	
PS48VDC480W-DIN	90AC-264AC	47-63Hz	48VDC	10 amp	DIN-Rail	3.37 x 4.9 x 5 in. (85.5 x 125.2 x 128.5 mm)	3.53 lbs (1.6Kg)	Level 5	
<b>54VDC Power Supplies (For use with IFS single channel PoE-at modules)</b>									
PS54VDC72W-US	90AC-264AC	47-63Hz	54VDC	1.33A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.66 lbs (300g)	Level 6	EMC: CISPR 22 Class B, EN55022 Class B, EN61204-3 Class B, FCC parts 15 Class B, BSMI: EMS Requirements: EN55024, IEC-61000-4-2, IEC-61000-4-3, IEC-6100-4-4, IEC-61000-4-5, IEC-6100-4-6, IEC-61000-4-8, IEC-61000-4-11: Safety Requirements: IEC 60950, UL 60950-1TUV, Efficiency Level VI
PS54VDC72W-EU	90AC-264AC	47-63Hz	54VDC	1.33A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.66 lbs (300g)	Level 6	
PS54VDC72W-UK	90AC-264AC	47-63Hz	54VDC	1.33A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.66 lbs (300g)	Level 6	
PS54VDC72W-AUS	90AC-264AC	47-63Hz	54VDC	1.33A	Brick	1.9 x 4.5 x 1.2 in. (49 x 115 x 30 mm)	.66 lbs (300g)	Level 6	

\*Uses five different interchangeable power prongs to adapt to most power sockets world wide.

**SAA:** China/Australia, **UL:** North America/Japan/Parts of China, **CCC:** Parts of China, **VDA:** Europe/Parts of South America, **UK:** United Kingdom/Hong Kong/Singapore.

\*\*Meets Level IV International Efficiency in compliance with California Energy Commission, Energy Star and the EU Code of Conduct for external power supplies.

\*\*\*Connects to standard wall outlet with IEC line cord

# IFS<sup>®</sup> Transmission

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