



Features

- Selectable input voltage range by switch:  
90-132VAC / 180-264VAC / 240-373VDC
- No-load power loss as low as 0.75W
- Withstand 300VAC surge input for 5s
- Output over-current, over-voltage, short-circuit and over-temperature protections
- 3,000VAC input to output isolation
- Operating temperature range: -30°C ~ +70°C

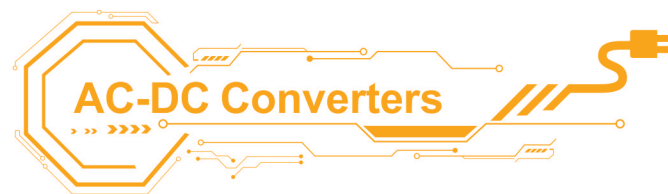


Series	Input Voltage	Power	Output Voltage	Output Current	Efficiency	Size (mm)
PSF	90-132VAC 180-264VAC 240-373VDC	200W	5V	30A	87%	179.0 x 99.0 x 30.0
			12V	17A	87.5%	
			15V	14A	88%	
			24V	8.8A	88.5%	
			36V	5.9A	89%	
			48V	4.4A	89.5%	
		350W	5V	60A	83.5%	215.0 x 115.0 x 30.0
			12V	29A	85%	
			15V	23.2A	86%	
			24V	14.6A	87%	
			36V	9.7A	88%	
			48V	7.3A	88.5%	



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POWER CONVERSION

AC-DC Product Selection Guide



## Features

- Wide input voltage range: 85-305VAC / 100-430VDC
- Output over-current, over-voltage and short-circuit protections
- 3,000VAC input to output isolation
- UL60950-1 2<sup>nd</sup> edition recognized
- Operating temperature: -40°C ~ +70°C



Series	Input Voltage	Power	Output Voltage (V)	Efficiency	Isolation	Package	Size (mm)
AMS	85-305VAC 100-430VDC	5W	3.3, 5, 9, 12, 15, 24	84%	3000VAC	DIP	55.0 x 45.0 x 21.0
		10W	3.3, 5, 9, 12, 15, 24	82%	3000VAC	DIP	55.0 x 45.0 x 21.0
		15W	3.3, 5, 9, 12, 15, 24, 48	85%	3000VAC	DIP	62.0 x 45.0 x 22.5
		20W	3.3, 5, 9, 12, 15, 24	85%	3000VAC	DIP	70.0 x 48.0 x 23.5
		25W	3.3, 5, 9, 12, 15, 24, 48	87%	3000VAC	DIP	70.0 x 48.0 x 23.5

## Typical Application



**Electric Industry**  
Distribution Automation  
Inspection Equipment



**PV Industry**  
Solar Inverter



**Transport Industry**  
Screen Door  
Broadcasting System



**Communications Industry**  
Switcher



**Industrial Control Industry**  
Frequency Changer



## Features

- Universal input voltage range
- No-load power loss as low as 0.3W
- Withstand 300VAC surge input for 5s
- Output over-current, over-voltage and short-circuit protections
- 4,000VAC input to output isolation
- Operating temperature range: -30°C ~ +70°C



Series	Input Voltage	Power	Output Voltage	Output Current	Efficiency	Size (mm)
PSF	85-264VAC 120-373VDC	35W	5V	7A	83%	99.0 x 82.0 x 30.0
			12V	3A	87%	
			15V	2.4A	89%	
			24V	1.5A	88%	
		50W	5V	10A	86%	99.0 x 82.0 x 30.0
			12V	4.2A	87%	
			15V	3.4A	88%	
			24V	2.2A	89%	
			36V	1.45A	89%	
			48V	1.1A	90%	
		75W	5V	14A	86%	99.0 x 97.0 x 30.0
			12V	6A	88%	
			15V	5A	88%	
			24V	3.2A	90%	
			36V	2.1A	90%	
			48V	1.6A	91.5%	
		150W	12V	12.5A	86%	159.0 x 97.0 x 30.0
			15V	10A	87%	
			24V	6.5A	88%	
			36V	4.3A	88%	
			48V	3.3A	89%	