



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 2nd 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% | |