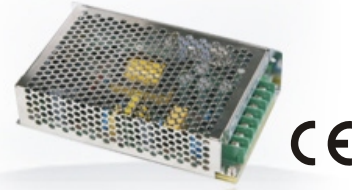


# 60W Single Output Switching Power Supply

## Features

- Full range AC input
- Over-voltage, over current, short circuit protection
- Heat from the cold
- 100% full load burn-in test
- Low-cost, high reliability



159\*98\*38(L\*W\*H)

## ► Technical parametric

| Model                            | APS02AC-60-5B   | APS02AC-60-12B | APS02AC-60-15B | APS02AC-60-24B |
|----------------------------------|---|----------------|----------------|----------------|
| DC output voltage                | 5V  | 12V            | 24V            | 24V            |
| Output voltage                   | ± 2%  | ± 1%           | ± 1%           | ± 1%           |
| Rated output current             | 12A   | 5.0A           | 4.0A           | 2.5A           |
| Output current range             | 0~12A   | 0~5.0A         | 0~4.0A         | 0~2.5A         |
| Wave and noise                   | 120mVp-p  | 120mVp-p       | 150mVp-p       | 150mVp-p       |
| Inlet stability                  | ± 0.5%  | ± 0.5%         | ± 0.5%         | ± 0.5%         |
| Load stability                   | ± 1%  | ± 0.5%         | ± 0.5%         | ± 0.5%         |
| DC output power                  | 60W   | 60W            | 60W            | 60W            |
| Efficiency                       | 73%   | 76%            | 77%            | 79%            |
| Adjustable range for DC voltage  | +10,-5%   | ± 10%          | ± 10%          | ± 10%          |
| AC input voltage range           | 85~264VAC 47~63Hz; 120~370VDC   |                |                |                |
| Input current                    | 2A/115VAC 1A/230VAC   |                |                |                |
| AC inrush current                | Cold start current 20A/150V 40A/230V  |                |                |                |
| Leakage current                  | <3.5mA/240VAC   |                |                |                |
| Overload protection              | 105%~150% Shut off current, automatically restore   |                |                |                |
| Over voltage protection          | Output voltage of 115%~135%   |                |                |                |
| High temperature protection      | .....   |                |                |                |
| Temperture coefficient           | ± 0.03%/°C ( 0~50°C )   |                |                |                |
| Setup, rise, hold up time        | 800ms,50ms,10ms/115VAC 30ms,50ms,80ms/230VAC  |                |                |                |
| Vibration                        | 10~500Hz,2G 10 minutes / cycle, X, Y, Z axis of the 60 minutes                              |                |                |                |
| Withstand voltage                | Input and output internal:1.5KVAC ,input and enclosure:1.5KVAC,output and enclosure:0.5KVAC |                |                |                |
| Isolation resistance             | Input and output internal,input and enclosure,output and enclosure:500VDC/100MΩ             |                |                |                |
| Working temperature and humidity | -10°C~+60°C, 20%~90%RH  |                |                |                |
| Store temperature and humidity   | -20°C~+85°C, 10%~95%RH  |                |                |                |
| Weight                           | 0.55Kg  |                |                |                |

## ► Installation dimensions (mm)

