



# POWER SUPPLY FOR HOME APPLIANCE

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Safe, Efficient & Earth Friendly

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UNIFIVE

# OUR PRINCIPLE



## SAFE



## EARTH FRIENDLY



## EFFICIENT



## About UNIFIVE

Since 1989, UNIFIVE has been known for its "high quality and high reliability" and is involved in the market of AC/DC power supplies (Adapter and Open Frame etc.).

We are committed to research and development of products that meet the increasingly sophisticated electronics industry and are widely used in computers, home appliances, consumer electronics, communications, information, industry, medical and other fields. We also has patent for 360 degree AC PIN interchangeable type adaptor and it is leading the world's exclusive design.

UNIFIVE provides products which are smaller, lighter, more power efficient, and easier to use. We selling products all over the world and get the certifications for each of country. And also acquired ISO9001:2015 and ISO14001:2015 etc. to ensure products meet the latest regulations.

### Customized Solution

In addition to provide customer standard adaptor, UNIFIVE also strives to provide unique product, customized service with various, high quality and regulation to satisfied customer's special requested.



### Experience Team

UNIFIVE has been established for 30 years, has great development experience in switching power supply and also has the most professional service team. We will continue to work with customers to create competitive products.

***Understand your needs and do our best!***

## 1 Recommendation

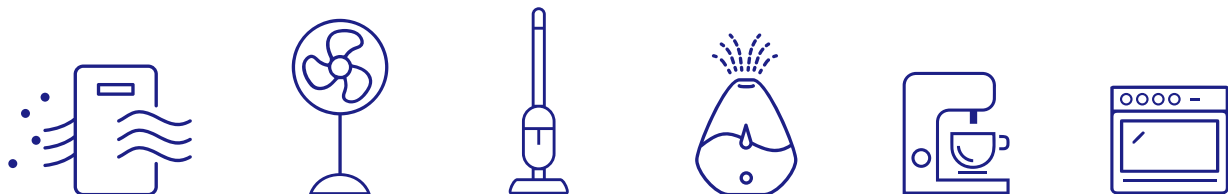
Recently, Home appliance are getting smaller and increase of devices using DC motor or batterie powered. Therefore, the number of projects for selecting AC adapter for Home appliance is increasing.

In Home appliance, Client's criteria for adapting a power supply is depends on the situation. Some clients request us to make power supply meet with IEC61558 and IEC60335 technical standard instead of IEC60950.

Our AC adapter line up introduced below are a model that can be adjusted to meet to these technical standards by modifying or adding internal component according to IEC61558 and IEC 60335.

## 2 USE

These models are for Home appliance and also standard specification.



## 3 Introduction

Wattage:12W,15W,18W,24W,36W,45W,60W,90W

Safety standard:PSE,can modify to meet IEC61558 & IEC60335 (Examples are below NOTE)

The following line-up can be supported with a variety of modification. Here is some example of the modification.

- Corresponds to CTI value 600V
- Corresponds to connect 2 Y condenser in series.
- Available to load varistor for lightning surge counterpart.(Depends on the model.) You can design the AC adapter's case based on our power supply board.
- Corresponds to custom size of adapter such us fixed fitting of DC plug and so on
- A part from above, we can modify as your specific request.
- Corresponds transformer with 61558
- Can adjust condenser life.

**12W**
**UNx312**
**Output 5V-24V**


5V/2.0A or 5.9V/2.0A or  
9V/1.3A or 12V/1.0A or  
24V/0.5A



- Stability
- Ultra small size
- Available AC pin type from around the world.

63.9\*49.5\*29.5mm

**12W**
**UNI312**
**Output 5V-24V**


5V/2.0A or 5.9V/2.0A or  
9V/1.3A or 12V/1.0A  
24V/0.5A



- Stability
- Light weight

75.0\*50.6\*29.8mm

**15W**
**UNx315**
**Output 5V-48V**


5V/2.5A or 5.9V/2.3A or 9V/1.6A  
12V/1.25A or 15V/1.0A  
24V/0.65A or 48V/0.3A



- Stability
- Ultra small size
- Available AC pin type from around the world.

63.9\*49.5\*29.5mm

**15W**
**UNI315**
**Output 5V-48V**


5V/2.5A or 5.9V/2.3A or 9V/1.6A  
12V/1.25A or 15V/1.0A  
24V/0.65A or 48V/0.3A



- Stability
- Light weight

75.0\*50.6\*29.8mm

**18W**
**UUx318**
**Output 5V-48V**


5V/2.0A, 3.0A or 5.9V/2.8A  
9V/2.0A or 12V/1.25A, 1.5A  
15V/1.2A or 24V/0.75A  
48V/0.4A



- Stability
- Ultra small size
- Available AC pin type from around the world.

70.0\*35.0\*48.0mm

**18W**
**UNx318**
**Output 5V-48V**


5V/2.6A, 3.0A or 5.5V/3.0A  
5.9V/2.8A or 6V/2.8A or 9V/2.0A  
12V/1.5A or 15V/1.2A  
24V/0.75A or 48V/0.4A



- Stability
- Ultra small size
- Available AC pin type from around the world.

63.9\*49.5\*29.5mm

**18W**
**UNI318**
**Output 5V-48V**


5V/2.6A, 3.0A or 5.5V/3.0A  
5.9V/2.8A or 9V/2.0A  
12V/1.5A or 15V/1.2A  
24V/0.75A or 48V/0.4A



- Stability
- Light weight

75.0\*50.6\*29.8mm

**18W**
**UMVUx3018**
**Output 3.3V-24V**


3.3V/3.0A or 5V/3.0A or 5.5V/3.0A  
5.9V/2.8A or 7.5V/2.4A or 9V/2.0A  
12V/1.5A or 15V/1.2A or 18V/1.0A  
24V/0.75A



- Stability
- Ultra small size
- Available AC pin type from around the world.

70.0\*35.0\*48.0mm



Limited Power Supply



Electromagnetic Compatibility



Medical



AC Pin Interchangeable

**24W**
**UVx324**
**Output 5V-24V**


5V/3.0A or 6V/3.0A or 10V/2.4A  
10.5V/1.1A or 12V/1.5A, 2.0A  
19V/1.2A or 24V/1.0A



- Stability
  - Low cost model
  - Available AC pin type from around the world.
- 72.7\*35.7\*53.0mm

**24W**
**UVX324**
**Output 5V-24V**


5V/3.0A or 12V/1.5A, 2.0A or 24V/1.0A



- Low cost model
- Four direction
- AC pin interchangeable

73.4\*39.6\*48.6mm

**36W**
**UVx336**
**Output 12V-36V**


12V/3.0A or 15V/2.4A or 16V/2.2A  
18V/2.0A or 24V/1.5A  
35V/1.0A or 36V/1.0A



- Stability
  - Low cost model
  - Available AC pin type from around the world.
- 72.7\*35.7\*53.0mm

**36W**
**UNI336**
**Output 12V-24V**


12V/3.0A or 15V/2.4V or 24V/1.5A



- Stability
- Light weight

98.5\*46.8\*32.1mm

**45W**
**UNI345**
**Output 12V-24V**


12V/3.8A or 15V/3.0A or 16V/2.8A or 18V/2.5A or 19V/2.4A or 24V/1.9A



- Stability
  - Light weight
- 98.5\*46.8\*32.1mm

**60W**
**UNI360**
**Output 12V-24V**


12V/4.0A, 4.2A, 5.0A or 15V/4.0A or 16V/3.75A or 18V/3.33A or 24V/2.5A



- Stability
- Light weight

113.5\*54.0\*36.3mm

**60W**
**UMDVI3060**
**Output 12V-48V**


12V/5.0A or 15V/4.0A or 19V/3.15A or 24V/2.5A or 30V/2.0A or 48V/1.25A



- Stability
- Light weight

113.5\*54.0\*36.3mm

**90W**
**UNI390**
**Output 12V-24V**


12V/7.5A or 19V/4.73A or 24V/3.75A



- Stability

136.5\*57.0\*34.0mm

For more detail, please contact our sales



Limited Power Supply



Electromagnetic Compatibility



Medical



AC Pin Interchangeable

## 4 Annotation

If you need to apply home appliance safety standards, please contact us because required standards are depends on devices or clients needs also depends on the country.

To apply IEC61558 and IEC 60335, Please note that It may take time of adjustment due to considering about power supply board parts.

Without modifying these model on this brochure can't pass the test of these standards. So please contact our sales first.

Thank you in advance for your understanding.



