



# Power Supplies & UPS

## AC to DC Regulated Wall Adaptor

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



SPU50 series

- Full range AC input
- Compact size, light weight
- Over voltage protected
- Short circuit protected
- LED indicate for power on
- 100% full load burn-in test
- Fully enclosed plastic case
- Approvals:UL/CUL/TUV/CE
- OEM acceptable

Input voltage range : 90~264VAC, 47~63Hz

AC current : 1.6A/230VAC

Inrush current : cold start < 60a peak/230VAC

Leakage current : <0.35mA/240VAC

Overload protection : pulsing mode, reset:auto recovery

Over voltage protection : 105%~145%

Withstand voltage : I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC 1min.

Working temp., humidity : 0°C~+25°C @ 100% LOAD,40°C @ 50% LOAD, 20%~90% RH @ @

Dimension : 146\*76\*44mm (L\*W\*H)

Safety standards : UL1950,CSA22.2, TUV EN60950 APPROVED

EMC standards : EN55022, IEC801-2,3,4 verification



| Part No. | Product No. | Manufacturer | Description                     | Power (W) | Vin                     | Vout / Current     | CSA/CUL Approved |
|----------|-------------|--------------|---------------------------------|-----------|-------------------------|--------------------|------------------|
| 21178    | SPU50-1     |              | AC to DC Regulated Wall Adaptor | 60W       | 100~240VAC,47-63Hz,1.6A | 5V/10A Eff.:70%    | UL/CUL/TUV/CE    |
| 19479    | SPU50-4     | MEAN WELL    | AC to DC Regulated Wall Adaptor | 60W       | 100~240VAC,47-63Hz,1.6A | 15V/4A Eff.:75%    | UL/CUL/TUV/CE    |
| 21181    | SPU50-6     |              | AC to DC Regulated Wall Adaptor | 60W       | 100~240VAC,47-63Hz,1.6A | 24V/2.5A Eff.:78%  | UL/CUL/TUV/CE    |
| 21182    | SPU50-9     |              | AC to DC Regulated Wall Adaptor | 60W       | 100~240VAC,47-63Hz,1.6A | 48V/1.25A Eff.:82% | UL/CUL/TUV/CE    |



**FEATURES:**

- Internal SMD technology
- 1000VDC I/O isolation
- 3000VDC isolation is available
- Input filter: capacitor type
- Non-conductive plastic type
- Dual in line package
- SIP package is available
- High reliability/Low cost
- 100% burn-in test
- 1 year warranty

INPUT VOLTAGE RANGE: 10.8~13.2V

OVERLOAD: 150~350%ratedoutputpower

Protectiontype:Hiccup mode,recovers automatically after fault condition is removed

WORKING TEMP.: -25~+71°C(Refer to output load derating curve)

WITHSTAND VOLTAGE: I/P-O/P:1KVDC

DIMENSION: 22.6\*9.9\*8.4mm or 0.89"\*0.39"\*0.33"inch(L\*W\*H)

WEIGHT: 3.1g

| Part No. | Product No. | Description                                  | Power (W) | Vout / Current |
|----------|-------------|--|-----------|----------------|
| 41767    | SRS-1212    | 0.5W DC-DC Regulated Single Output Converter | 0.5W      | 12V/0-42mA     |



**FEATURES:**

- Universal AC input/Full range
- 2 pole American plug
- Class II power(without earth pin)
- No load power consumption<1.0W
- Protections:Short circuit/Overload/Overvoltage
- Approval:UL/CUL/CB/CE/FCC
- Fully enclosed plastic case
- Compact size,light weight
- 1 year warranty

AC input voltage range : 90~264VAC/0.3A

Overload protection : Hiccup mode,auto-recovery

Over voltage protection : >120%

Withstand voltage : I/P-O/P:3KVAC,1minute

Working temperature : 0~25°C@100%load,40°C@50%load

Safety standards : UL1950,CSA22.2approved

EMC standards : EN55022-B,EN61000-3-2,3,EN61000-4-2,3,4,5,6,8,11, ENV50204



| Part No. | Product No. | Manufacturer | Description                            | Power (W) | Vin        | Vout / Current | CSA/CUL Approved |
|----------|-------------|--------------|--|-----------|------------|----------------|------------------|
| 39616    | SW12U05-P11 | MEAN WELL    | 6~12W AC-DC Wall-mounted American Type | 10W       | 100~240VAC | 5V/2.00A       | UL/CB/CE/FC      |



**FEATURES:**

- High Efficiency, high reliability
- Universal full range AC input
- Over voltage protection
- Short circuit protection
- Low ripple noise
- 1 year warranty

**Input specification:**

Voltage Range : 100~240VAC

Frequency : 47~63Hz

Current : 0.49A Max

Inrush current : 42A Max/100 Vac;84A Max/240 Vac (Cold stabt at 25°C full load)

Leakage current : <5mA@1500V

**Environment:**

Operating temperature range : 0°C~+40°C

Storage temperature : -40°C~+70°C

**Output specification:**

Single Voltage: +12V

MAX. Load : 5A

MIN. Load : 0.1A

Regulation : 11.40V Min12.00V Typ. 12.60VMax

Ripple & Noise : 120mV Max

Efficiency : 80% Typical(At nominal line voltage full load)

Total Power : 60W Max

| Part No. | Product No. | Description                     | Power (W) | Vin        | Vout / Current | CSA/CUL Approved |
|----------|-------------|---------------------------------|-----------|------------|----------------|------------------|
| 39349    | SW12V5A     | AC to DC Regulated Wall Adaptor | 60W       | AC100~240V | 12V/5A         | UL,CE,FC         |



SWE-1210



SWE-9010

| Part No. | Product No. | Description                       | Power (W) | Vin        | Vout / Current | CSA/CUL Approved |
|----------|-------------|-----------------------------------|-----------|------------|----------------|------------------|
| 46804    | SWE-1210    | AC to DC Unregulated Wall Adaptor |           | 100~240VAC | 12VDC/1A       |                  |
| 47698    | SWE-9010    | AC to DC Regulated Wall Adaptor   | 9W        | 100~240V   | 9V/1A          | CSA,CE,UL        |



T E L : Taiwan : 886-3-5753170  
 F A X : Taiwan : 886-3-5753172  
 E-mail : Taiwan : sale@100y.com.tw

Shenzhen : 86-755-83298787  
 Shenzhen : 86-755-83640655  
 Shenzhen : 100y@163.com

Shanghai : 86-21-54151736  
 Shanghai : 86-21-64605107  
 Shanghai : 100y-1@163.com