Specifications:

**Wall mount SYS1421-Wxx series**

**2.5W~6W**

### Country of Origin:
China

### Operating Temperature:
0~40[°C]

### Dimension:
64 x 40.5 x 25.5 [mm]

### Efficiency level (ErP)

**ErP V.**

- **Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz.**
- **Overload, over voltage & short protection.**
- **Features:**
  - Approvals / Marks :
  - Efficiency level (ErP) :
  - Dimension :
  - Operating Temperature :
  - Country of Origin :

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64 x 40.5 x 25.5 [mm]

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### Features:

- **Overload, over voltage & short protection.**
- **PSU housing ready for use in country:**
  - USA / Japan / W2 (type W2)
  - Europe / W2E (type W2E)

- **Wall-mount power supply, single output.**
- **For I.T.E. use only + RoHS conform.**
  - UK (type W3J)
  - China (type W2C)

### Input:

- **Turn on delay**
  - 5000 ms max @ AC low line input @ output full load
- **Hold up time**
  - 8ms min @ AC nominal input @ output full load (> half cycle)
- **Efficiency (Normal)**
  - In the table above minimum average efficiency in active mode (Meet EuP2)
- **Transient response (dv, tmax)**
  - 0.4V dv max @ AC nominal input loading from 20% load to 80% load
  - 6ms tmax | Dynamic rise time 10us max, duty 40ms max, Dynamic load step is slew rate of 0.5A/μS
- **Power out, Limit**
  - Peak 7W for model- 0605
- **Burn in test**
  - Full load 2 Hours before testing

### Output:

- **Voltage**
  - (90 ~ 264)VAC
- **Frequency**
  - (47 ~ 63) Hz
- **Current**
  - 0.5A rms @ AC low line input and DC output full load
- **Inrush Surge Current (cold start)**
  - 30/60A max @ power supply cold start, ambient temperature 25°C @ 115Vac / 230Vac nominal AC input.
- **Leakage current**
  - 0.25 mA Max.
- **Power consumption**
  - 0.3W rms max. At AC nominal input @ output min load

### Protection:

- **Over Current / Short protection**
  - The power supply will self-protect any output to ground, and auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance of less than 0.1 ohms. [OCP]
- **Over Voltage**
  - The power supply will not be auto recovered when faults remove. >>Voltage limit<< [OVP]
- **Input protection**
  - 1A Fuse or 10R2W | The power supply shall be protected against power line surges and any abnormal condition.
- **No load protection**
  - The power supply is provided with no load operation to prevent the power supply and system from damage.
- **Protection class**
  - II

### Others:

- **Dielectric Strength (Hi-pot)**
  - Primary to Secondary: 3000VAC / 10mA / 60s
- **M.T.B.F**
  - 500ms hours full rated load operation at 25 °C, according to the MIL-HDBK-217F.
- **Cable length / type**
  - Standard 2468#24, 5ft | for USB products round cable 1830mm (6feet) or depends on customer requirements.
- **P.L.D (power line disturbance)**
  - LINE POWER SURGE | LINE VOLTAGE SAG - more information will be provide on request
- **Cooling method**
  - By natural air
- **Housing material**
  - -
- **Temperature coefficient:**
  - < ±0.5% / °C

### Environment:

- **Temperature**
  - Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C
- **Humidity**
  - Operating: 8% ~ 90% RH / Storage: 5% ~ 95% RH non condensing

### Safety:

- **CE | TUV/GS | CB | cULus | FCC | BSMI | PSE | VCCI | C-Tick | T-Certific | KC | RCM

### E.M.I:

- **EN 61000-3-3 (2008)**

### E.M.S:

- **IEC 61000-4-11 (2004)**

### Weight:

- **1pc**
  - N.W.: 79g | G.W.: 95g

### Packing:

- **Box**
  - 0.43L x 0.37W x 0.175H [m]
  - 100 pcs / 1box
  - G.W.: 10.5kg/box

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**Wxx series**

Possible to order with:
- Wxx = W2E - Europe | W2 - USA,Canada,Japn | W3U - UK | W2A - Australia | W2C - China | W2K - Korea

**OEM Production**

This model is certified for UU @ 5V & Pout(@2.5 or 4 or 5 or 6)W and UU@12V/Pout@6W
Mechanical case specification:

1) SYS1421-series (EU)

2) SYS1421-series (EU) / USB inlet

Mechanical specification (country housing):

- US / Japan type (W2)
- UK type (W3U)
- Europe type (W2E)
- China type (W2C)
- Australia type (W2A)
- Korea (type W2K)

Cable specification:

a) 2.1*5.5*11 (2468#24*2C / 5FT)

b) mini USB (1185#22*1C+SHIELD / 6FT)

c) micro USB (1185#22*1C+SHIELD / 6FT)