



## OBM-U300D 系列概述

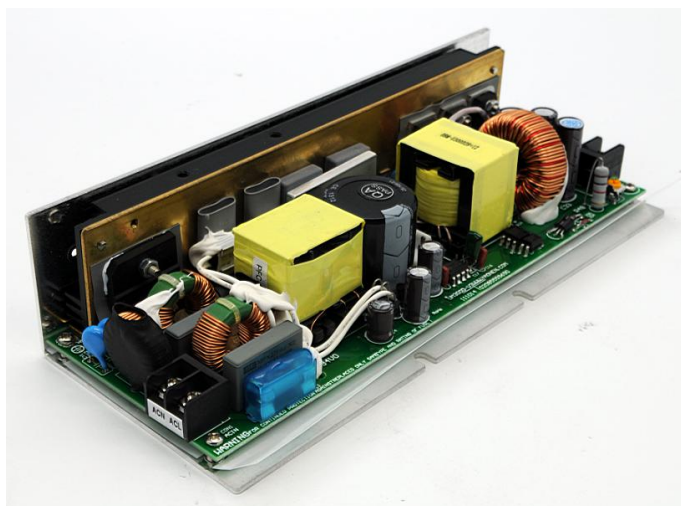
### 一. 电源规格:

| 电源型号<br>(MODEL) | 输入 (VAC)   | 输出 (VDC)              | 保护功能<br>(PROTECTION) | 尺寸 (SIZE) MM    |
|-----------------|------------|-----------------------|----------------------|-----------------|
| OBM-U300D12+28  | 100~240VAC | 12V/20A;<br>28V/2.0A  | SCP/OCP/OVP/OTP      | 215MM*88MM*50MM |
| OBM-U300D28+12  | 100~240VAC | 28V/8.0A;<br>12V/5.0A | SCP/OCP/OVP/OTP      | 215MM*88MM*50MM |
| OBM-U300D30+24  | 100~240VAC | 30V/8.0A;<br>24V/2.5A | SCP/OCP/OVP/OTP      | 215MM*88MM*50MM |
| OBM-U300D36+12  | 100~240VAC | 36V/8.0A;<br>12V/1.5A | SCP/OCP/OVP/OTP      | 215MM*88MM*50MM |
| OBM-U300D48+12  | 100~240VAC | 48V/5.0A;<br>12V/5.0A | SCP/OCP/OVP/OTP      | 215MM*88MM*50MM |

### 二. 系列特征:

- Universal AC input / Full range
- Built-in Active PFC
- Protections: SCP /OCP/ OVP /OTP
- <150W, Free air convection; >150W~250W, 25CFM forced air cooling by DC FAN; 300W, 40CFM forced air cooling by DC FAN
- >0.98@230VAC; >0.99@115VAC Full load
- All using 105°C long life electrolytic Capacitors
- High efficiency, high reliability
- 100% full load burn-in test
- 3 years warranty

### 三. 产品外观



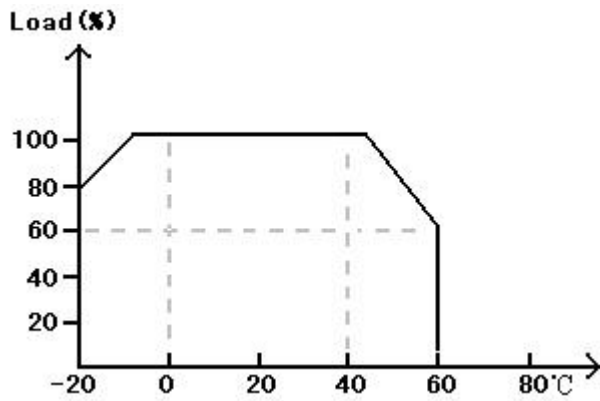
**Net weight (重量) : 915g**

**Connector: Input:8.25MM-2P pitch terminal block**

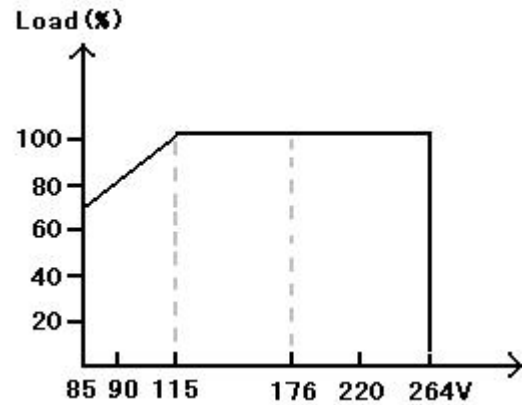
**Output:9.5MM-4P pitch terminal block**

**四. 工作温度、输出功率曲线以及负载曲线图:**

**Temperature- load curve**



**Input voltage- load curve**



**五. 测试标准:**

**EMC DATA:**

**1、 EMI**

|                   |                 |
|-------------------|-----------------|
| RE/CE             | EN55022 CLASS A |
| Harmonics Current | EN61000-3-2     |

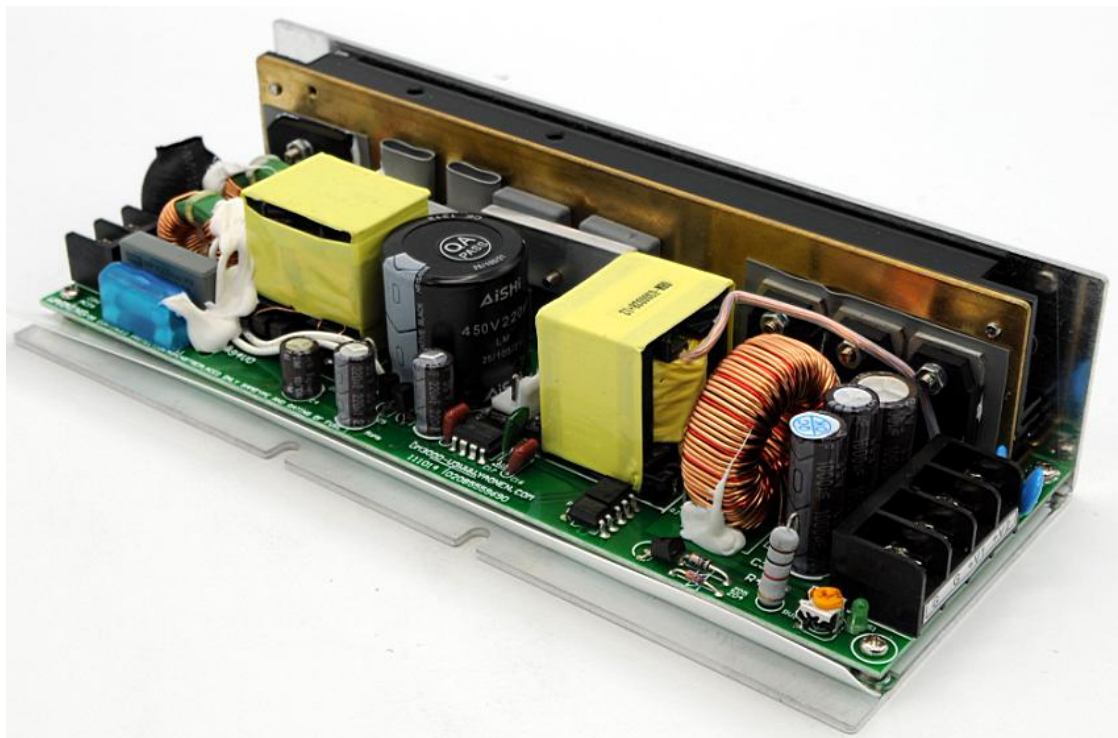
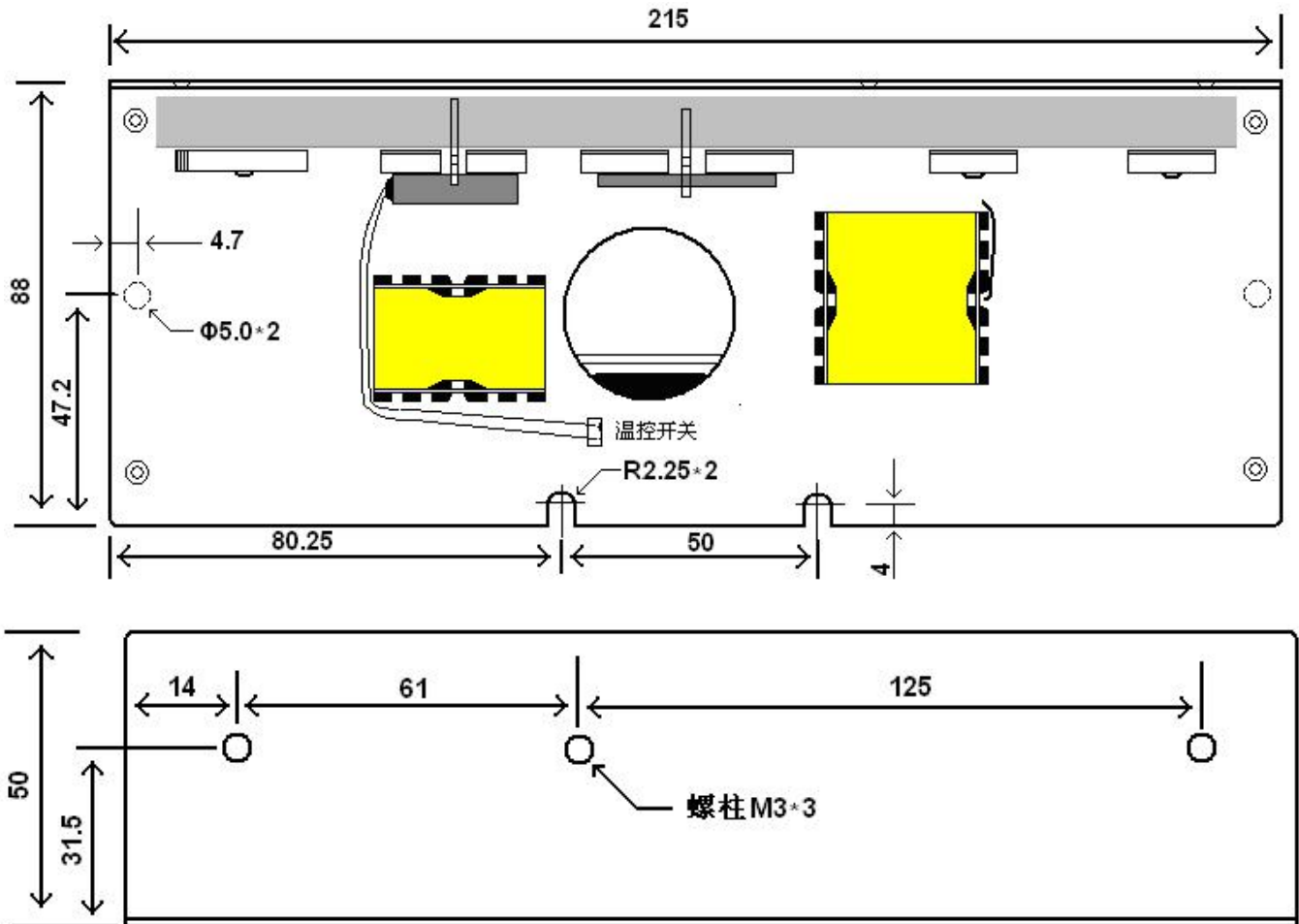
**2、 EMS**

|                                                |              |                                       |            |
|------------------------------------------------|--------------|---------------------------------------|------------|
| ESD                                            | EN61000-4-2  | Air:8KV Contact:4KV                   | Criteria A |
| RS                                             | EN61000-4-3  | 80MHz~1GHz 3V/m                       | Criteria A |
| EFT                                            | EN61000-4-4  | 5KHz AC=1KV                           | Criteria A |
| Surge Test                                     | EN61000-4-5  | 1.2/50us AC:±2KV<br>8/50us            | Criteria A |
| CS                                             | EN61000-4-6  | 0.15MHz-80MHz 3V/m                    | Criteria A |
| Voltage dips                                   | EN61000-4-8  | 30% 10ms<br>60% 100ms<br>>95% 5000ms  | Criteria A |
| Power Frequency<br>Magnetic Field              | EN61000-4-11 | 50Hz 30A/m                            | Criteria A |
| RF<br>Electromagnetic<br>Field pulse modulated | ENV50204     | 900±5MHz 200Hz<br>3V/m, 50%Duty cycle | Criteria A |

## 六. 安装尺寸

build in dimension

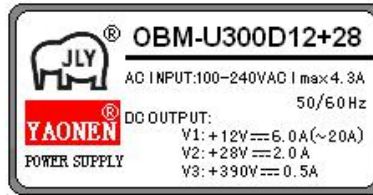
unit: mm



七. 标签:

**MODEL: OBM-U300D12+28**

Spec Label



Connector define

ACL ACN

GND GND +V +V

八. 包装:

Packing unit: mm

