



## OBM-U300S 系列概述

### 一. 电源规格:

电源型号 (MODEL)	输入 (VAC)	输出 (VDC)	保护功能 (PROTECTION)	尺寸 (SIZE) MM
OBM-U300S5	100~240VAC	5V/50A	SCP/OCP/OVP/OTP	215MM*88MM*50MM
OBM-U300S12/10	100~240VAC	12V/25A	SCP/OCP/OVP/OTP	215MM*88MM*50MM
OBM-U300S24	100~240VAC	24V/12.5A	SCP/OCP/OVP/OTP	215MM*88MM*50MM
OBM-U300S28	100~240VAC	28V/7.0A; 390V/0.5A	SCP/OCP/OVP/OTP	215MM*88MM*50MM
OBM-U300S36	100~240VAC	36V/8.5A	SCP/OCP/OVP/OTP	215MM*88MM*50MM
OBM-U300S48	100~240VAC	48V/6.25A	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



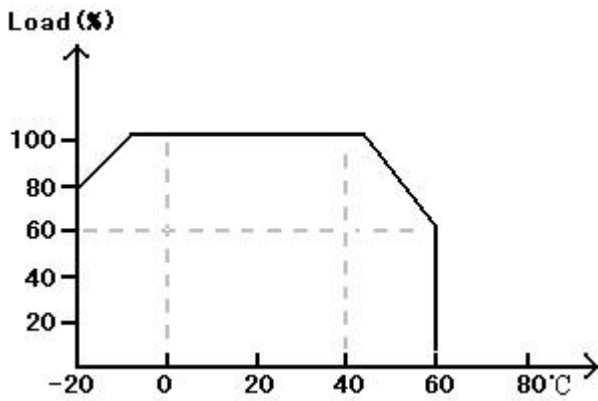
**Net weight (重量) : 915g**

**Connector: Input:9.5MM-4P pitch terminal block**

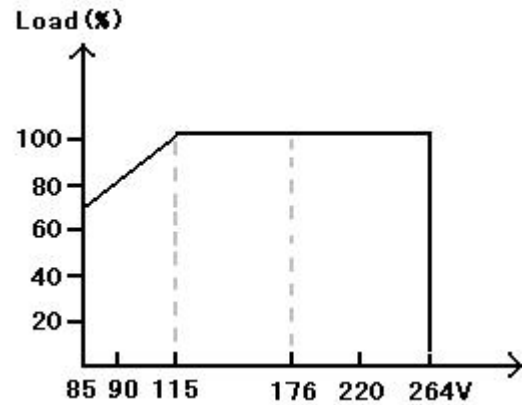
**Output:8.25MM-2P pitch terminal block**

**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

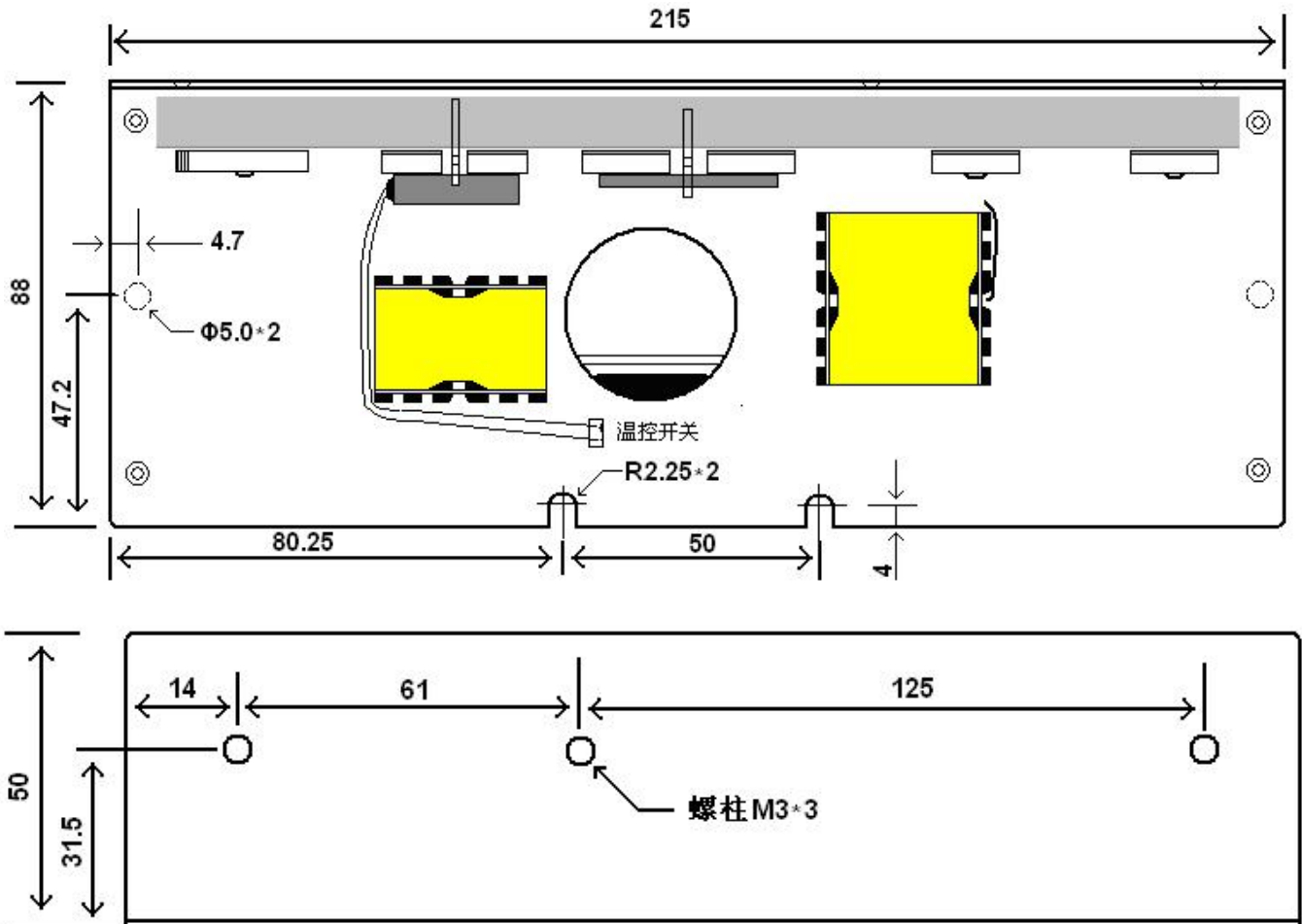
**2、 EMS**

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 8/50us	Criteria A
CS	EN61000-4-6	0.15MHz-80MHz 3V/m	Criteria A
Voltage dips	EN61000-4-8	30% 10ms 60% 100ms >95% 5000ms	Criteria A
Power Frequency Magnetic Field	EN61000-4-11	50Hz 30A/m	Criteria A
RF Electromagnetic Field pulse modulated	ENV50204	900±5MHz 200Hz 3V/m, 50%Duty cycle	Criteria A

## 六. 安装尺寸

build in dimension

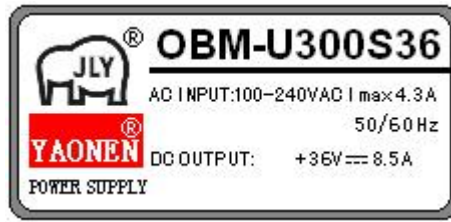
unit: mm



### 七. 标签:

## MODEL: OBM-U300S36

#### Spec Label



#### Connector define

ACL ACN

GND GND +V +V

### 八. 包装:

Packing unit: mm

