



## PFM-U100S 系列概述

### 一. 电源规格:

| 电源型号 (MODEL) | 输入 (VAC)   | 输出 (VDC) | 保 护 功 能<br>(PROTECTION) | 尺寸 (SIZE) MM    |
|--------------|------------|----------|-------------------------|-----------------|
| PFM-U100S5   | 100~240VAC | 5V/16A   | SCP/OCP/OVP/OTP         | 160mm*98mm*38mm |
| PFM-U100S12  | 100~240VAC | 12V/8.3A | SCP/OCP/OVP/OTP         | 160mm*98mm*38mm |
| PFM-U100S24  | 100~240VAC | 24V/4.2A | SCP/OCP/OVP/OTP         | 160mm*98mm*38mm |
| PFM-U100S48  | 100~240VAC | 48V/2.1A | SCP/OCP/OVP/OTP         | 160mm*98mm*38mm |

### 二. 系列特性:

#### Features:

Universal AC input / Full range

Compact size

PF>0.99@115VAC;>0.97@230VAC

Protections: SCP /OCP/ OVP /OTP

All using 105°C long life electrolytic Capacitors

Built-in active PFC

High efficiency, high reliability, high working temperature

Cooling by free air convection

100% full load burn-in test

2 years warranty

### 三. 产品外观:

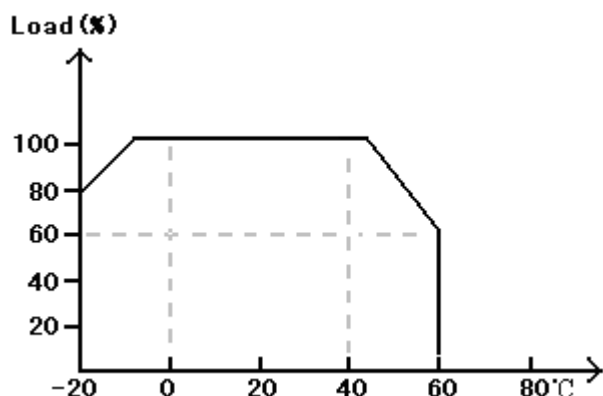


net weight: 545g

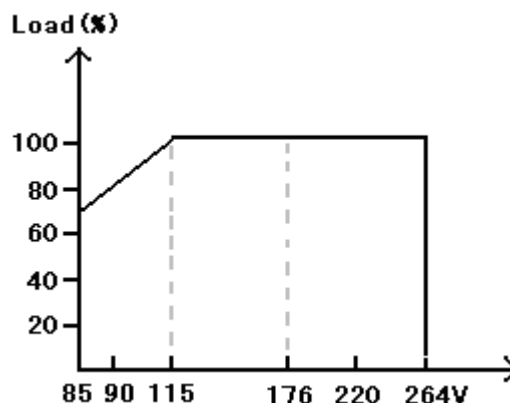
Connection: 7P/9.5mm pitch terminal block

#### 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

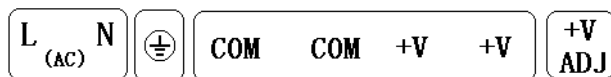
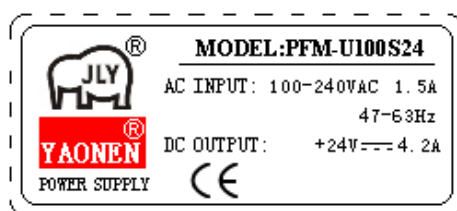
|                                                |              |                                         |            |
|------------------------------------------------|--------------|-----------------------------------------|------------|
| ESD                                            | EN61000-4-2  | 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 |

build in dimension

[illegible]

## 七. 标签:

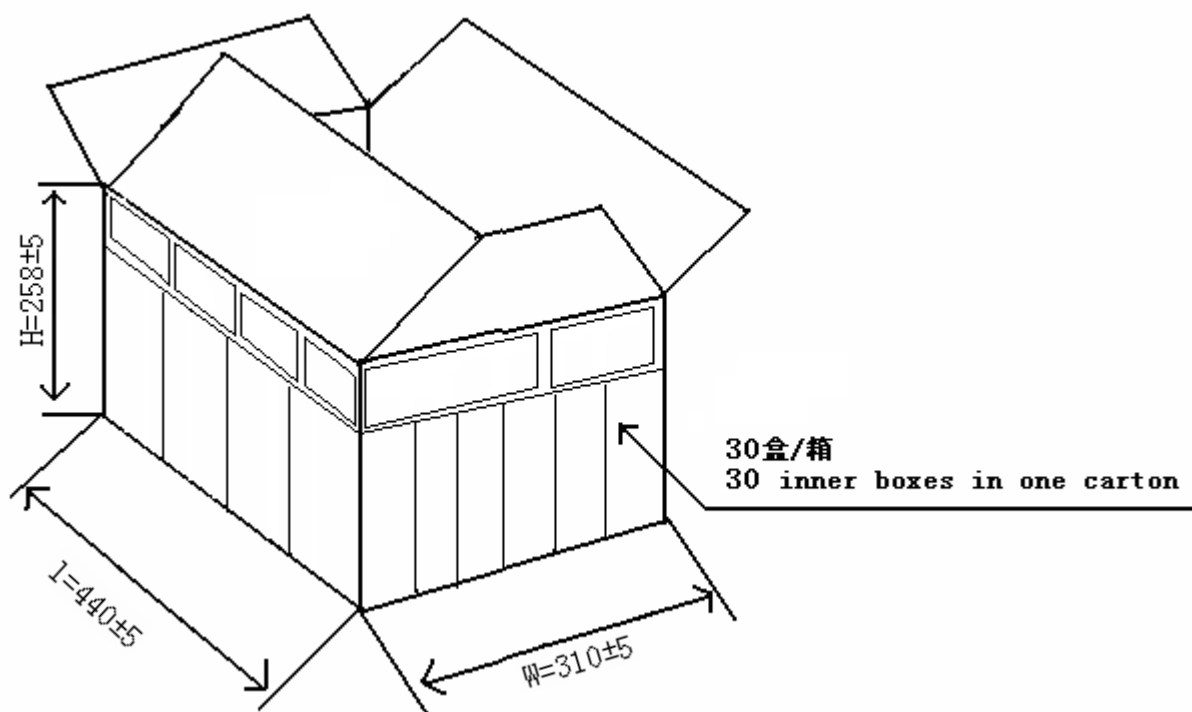
### Spec Label



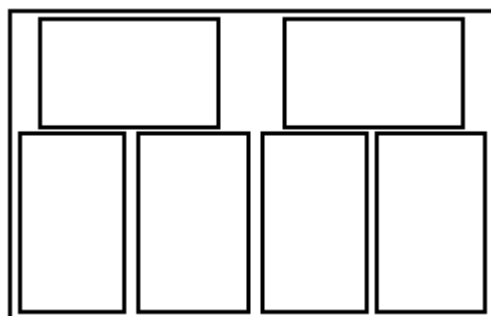
## 八. 包装:

### Packing

unit: mm



### Inner Box



### plane

