

# KYS-1250 60W

## Input Characteristics

### Rated Input Voltage

Rated input voltage is from 100Vac to 240Vac.

### Input Voltage Range

Input voltage range is from **90Vac** to **264Vac** input AC voltage.

### Rated Frequency

It is normal for **50Hz** or **60Hz** and single phase.

### Frequency Range

The adaptor shall operate with an input frequency from **47Hz** to **63Hz**.

### AC Input Current

The maximum input current shall be less than **1.2A** at 100~240Vac input

### Peak Inrush Current

With cold starting, input AC 240V the inrush current should **30A Max**

### Standby

The input power shall be less than **0.5W** at **115** or **230Vac** input.

### Efficiency

Comply with the requirements of **EPS 2.0**. Measured at 115Vac or 230Vac input voltage, 25%,50%,75%,100% load ,The average efficiency is **84% MIN**



## Output Characteristics

### Rated Output Voltage

No load voltage **12V +0.6V**

Full load voltage **12V ± 0.6V (I=5A)**

### Rated Output Current

The output current will be performed from **5A** at CC mode.

### Rated Power

This adaptor is capable to support **60Watts** continuously at all specified conditions.

### Ripple and Noise

Ripple voltage is **180mV** p-p (Full load **5A**) measured methods: Performed by 20MHz bandwidth in oscilloscope Applied 0.1uF ceramic capacitor and 10uF electrolytic capacitor across output connector terminals Measured at the end of DC cable.

## Protection

### Over Current Protection

**8A** maximum with auto-recovery function at 100~240Vac input

### Short Circuit Protection

The adaptor is protected that a short happened between the output terminals and shall not result in a fire hazard, any damage to this adaptor and will be normal operation automatically while the short is removed.