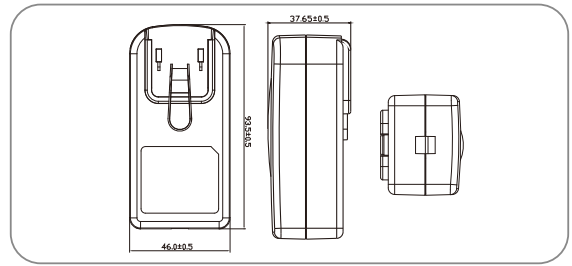


# LED Driver

# SYL1460 24W max



## Green Mode

Dimension | 93.5×46×37.65 (mm) | Efficiency level | V.



## Specification

Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Line / Road regulation [%]	Hold up time [ms]	Max Power [W]	Ripple & Noise [mV] p-p
SYL1460-2412	12	0	2	±5	10	24	250
SYL1460-2415	15	0	1.6	±5	10	24	250
SYL1460-2424	24	0	1	±5	10	24	300

OUTPUT	
Turn on delay	3000ms max@AC low line input@output full load
Hold up time	20ms min@AC nominal input@output full load (>half cycle)
Efficiency(Normal)	80% min @115V/60Hz,230V/50Hz
PF	0.9 min@115V/60Hz,230V/50Hz Output Full Load
Burn in limit	Full load 2 Hours
INPUT	
Voltage	(90-264)VAC
Frequency	(47-63) Hz
Current	0.5A ms@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/230 VAC 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.
Over Voltage protection	The power supply will be auto recovered when faults remove.
Input protection	F1:1A/250V Fuse. 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	Class II

OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:3000VAC/10mA/60S
M.T.B.F	50K hours full rated load operation at 25°C, according to the MIL-HDBK -217F
Cable Length	1370mm(4.5 feet) standard or Cable depends on customer requirements
PLD(power line disturbance)	Line power surge line voltage sag -more information will be provide on request
Cooling method	By natural air
Housing material	PC or PPO
Temperature coefficient	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating:(0~40)°C / Storage:(-20~85)°C
Humidity	Operatiing:8%~90% RH/ Storage:5%~95% RH non-condensing
SAFETY & EMC STANDARD	
Meet EN50015 classB, FCC part 15 sub partB classB	
EN61347-1+A1+A2 EN61347-2-13	
WEIGHT	
1pc	N.W: 100 g / pc G.W:10.5 kg/ box
PACKING	
PE plastic bag	100 pcs/ 1 box
FEATURES	
Wide range input (90~264) VAC/(47~63)Hz. Overload over voltage & short protection. For LED Lighting.	