Sunny Desktop SYS1546-T3 series 36W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 99 x 50 x 33 [mm]

Efficiency level (ErP) : VI



Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1546-3612-T3	**12**	**0~3.00**	**36**	**180**	**2.1x5.5x11**
SYS1546-3615-T3	**15**	**0~2.40**	**36**	**200**	**2.1x5.5x11**
SYS1546-3618-T3	**18**	**0~2.0**	**36**	**240**	**2.1x5.5x11**
SYS1546-3619-T3	**19**	**0~1.89**	**36**	**240**	**2.1x5.5x11**
SYS1546-3624-T3	**24**	**0~1.5**	**36**	**300**	**2.1x5.5x11**

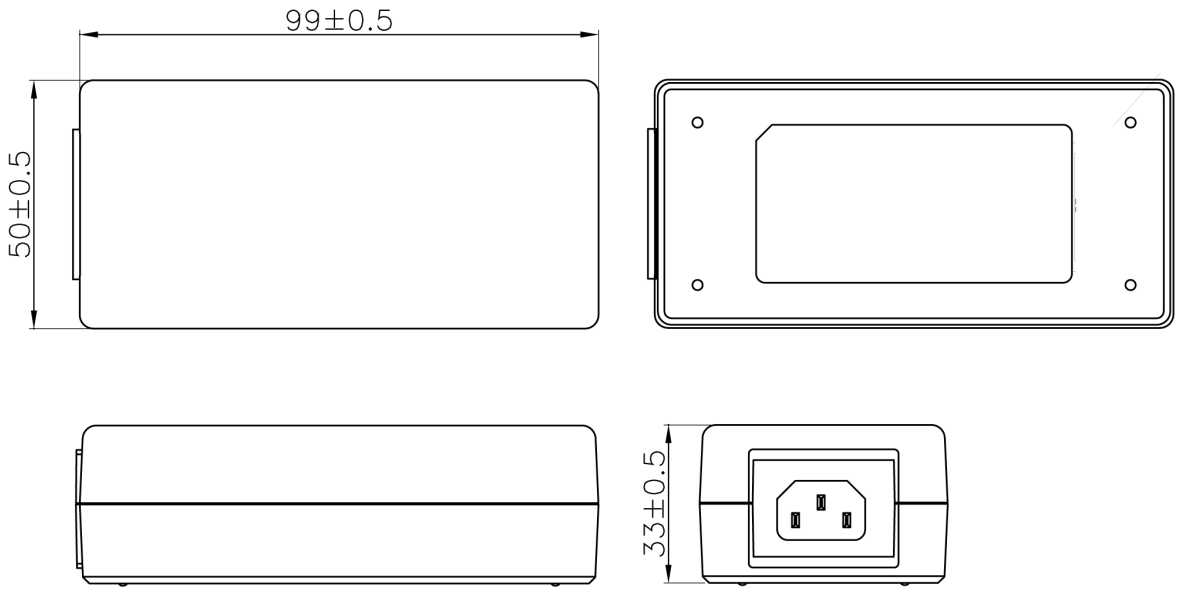
Features:

Available in 2 inlet versions: C7 (T2) C13(T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI @115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%load
	16ms tmax Dynamic rise time 10us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 40w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	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	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 60950-1:2006+A11+A1+A12+A2 EN 62368-1
SAFETY	
cULus | GS | CB | CE | FCC |CCC |BSMI | PSE | KC (only for 3612) |SAA | RCM | NOM (only for 3612) | BIS (only for 3612/3615) |S-MARK	
OTHERS	
Dielectric Strength (Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40℃ / Storage: -20~85℃
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 170g/pc	
GW: 10.5kg/box	
PACKING	
PE plastic bag	60 pcs/1 box

Mechanical case specification:



Cable specification:

