

Country of Origin : China  
 Operating Temperature : 0~40 [°C]  
 Dimension : 75 x 34 x 43 [mm]  
 Efficiency level (ErP) : VI



Approvals / Marks :



**Specifications**

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1308N-1505-Wxx	5	0~3.00	15	150	2.1x5.5x11
SYS1308N-1505-Wxx	5	0~3.00	15	200	micro USB
SYS1308N-1807-Wxx	7.5	0~2.40	18	180	2.1x5.5x11
SYS1308N-1809-Wxx	9	0~2.00	18	180	2.1x5.5x11
SYS1308N-2412-Wxx	12	0~2.00	24	200	2.1x5.5x11
SYS1308N-2415-Wxx	15	0~1.60	24	200	2.1x5.5x11
SYS1308N-2418-Wxx	18	0~1.33	24	240	2.1x5.5x11
SYS1308N-2424-Wxx	24	0~1.00	24	240	2.1x5.5x11
SYS1308N-2448-Wxx (CE only)	48	0~0.50	24	480	2.1x5.5x11

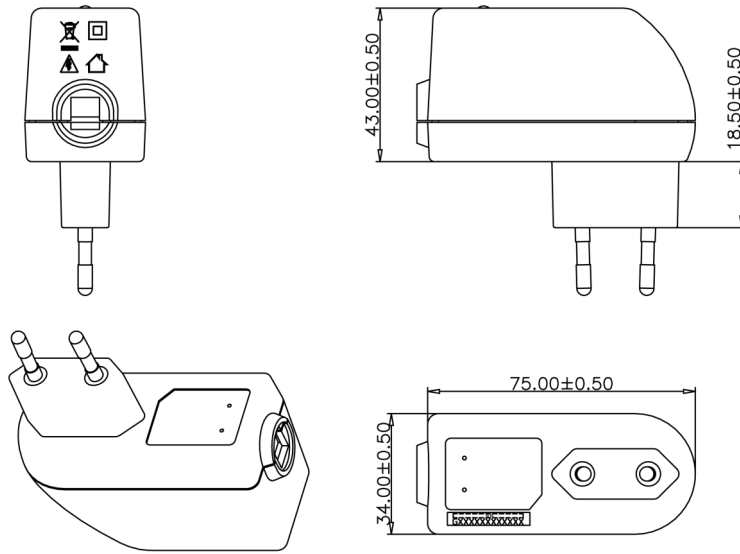
**Features:**

Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan, Taiwan | W2A - Australia | W2K - Korea | W2C - China

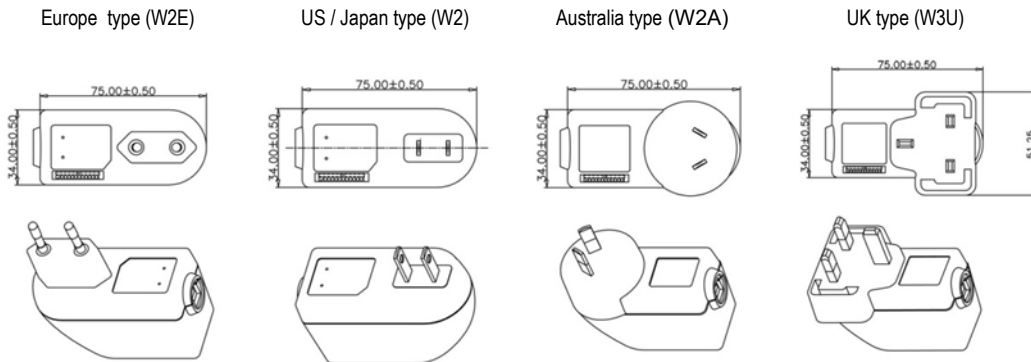
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EM/EMS Certified  
 Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT		CE	
Turn delay	3000ms max 3S max on the condition that input volotage 230V, full load.	EMC	2014/30/EU
Hold up time	5ms min@AC nominal input@output full load	LVD	2014/35/EU EN 62368-1
Efficiency	>81.39% min. Eff= 0.071 x ln(Po/1W) - 0.0014 x Po/1W + 0.67 Directive EU 2019/1782	<b>SAFETY</b>	
Transient response (dv,tmax)	0.6V dv max At AC nominal input loading from 20%load to 80% load 10ms tmax Dynamic rise time 10 us max,duty 40ms max.Dynamic load step is slew rate of 0.5A/us	CE   CB   TUV/GS	
Burn in limit	Ambient temp: 35C+-3%; 80% load; input voltage 230V; 2 hours.	<b>OTHERS</b>	
Power consumption	0.1W max. At AC nominal input@output min load	Dielectric Strength	HI-POT B / IEC 320 2pin primary to secondary 4000Vdc 10mA
<b>INPUT</b>		M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR -332
Voltage	(90~264)VAC	Cable Length	1830mm (6 feet) standard cable or as required
Frequency	(47 ~ 63)Hz	PLD (power line disturbance)	Line power surge   Line voltage SAG-more info on request
Current	1A rms@AC low line input and DC output full load	Cooling method	Natural Convection Cooling
Inrush Surge Current (cold start)	60A max@power supply cold start, ambient temperature 25°C @100Vac/240Vac nominal AC input	Housing material	PC
leakage current	<0.25 mA @ 240VAC input	Temperature coefficient:	<±0.5%/°C
<b>PROTECTION</b>		<b>ENVIRONMENT</b>	
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.	Temperature	Operating: 0~40°C / Storage: -20%~85%RH non condensing
Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%. (Voltage limit)	Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
Input protection	2A /250V Fuse. The power supply shall be protected against power line surges and any abnormal condition	<b>WEIGHT</b>	
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.	NW: 116-133g/pc based on the model	
Protection class	II	Box cca 12kg based on the model	
		<b>PACKING</b>	
		Box	80 pcs/1 box

**Mechanical case specification:**



**Mechanical specification (country housing):**



**Cable specification:**

1185#20\*1C + shield / 6FT (1830mm)

Micro USB : 1185#18\*1C + shield / 6FT (1830mm)

