










Country of Origin : China  
Operating Temperature : 0~40 [°C]  
Dimension : 87 x 38 x 26 [mm]  
Efficiency level (ErP) :   
Approvals / Marks :      
   



### Features:

Desk Top power supply, single output. | Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz.

Overload, over voltage & short protection.

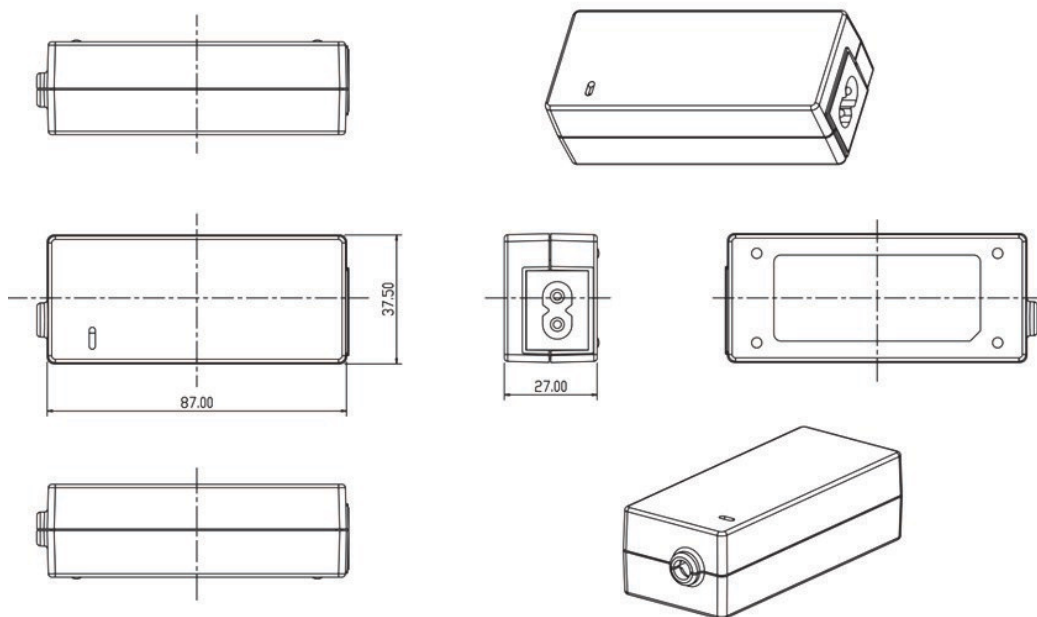
For I.T.E. use only + RoHS conform.

Available in the inlet version: C8 (T2) 

### Specification:

	Model	Voltage DC [V]	Loading [A]	Line/Road regulation [%]	OVP [V]	OCP [A]	Max. Power [W]	Efficiency [%]	Ripple & Noise [mV] p-p	Connector UL Approved [mm]
ErP V.	SYS1419-3612-T2	12	0~3.0	±5	15~23	3.5~7	36	>85.3	250	2.1x5.5x11
	SYS1419-4019-T2	19	0~2.1	±5	30	5.5	40	>85.3	350	(*)
	SYS1419-4020-T2	20	0~2.0	±5	30	4.5	40	>85.3	350	(*)
(*) – will be provide with the specify model										
<b>OEM Production</b>		This model is certified for Pout=(5~40)W rising by of 1W step for Uout=(12 or 19 or 20)V								
<b>OUTPUT</b>	Turn on delay	5000 ms max @ AC low line input@ output full load								
	Hold up time	10ms min @ AC nominal input@ output full load (> half cycle)								
	Efficiency (Normal)	>80% (Level V) @ 240VAC input & Full load PS: meets EPA/ C.E.C. (California Energy Commission)								
		No Load Power consumption.								
	Transient response (dv, tmax)	0.7V dv max At AC nominal input loading from 50% load to max load or peak 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								
	Output LED	Yes								
<b>INPUT</b>	Burn in test	Full load 2 Hours								
	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	0.25 mA Max.								
	Power consumption	0.3W rms max. At AC nominal input excessive@ output min load								
<b>PROTECTION</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. OCP method >>Fold back<<								
	Over Voltage	The power supply will not be auto recovered when faults remove >>Voltage limit<<								
	Input protection	3.15A Fuse								
	No load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.								
	Protection class	II.								
<b>OTHERS</b>	Dielectric Strength (Hi-pot)	Primary to Secondary: 3000VAC / 10mA / 60s								
	M.T.B.F	50K hours full rated load operation at 40 °C, according to the MIL-HDBK-217F.								
	Cable length	1370mm (4,5feet) round cable 2468#18*2C 4.5FTor 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	-								
	Temperature coefficient:	< ±0.5% / °C								
<b>ENVIRONMENT</b>	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C								
	Humidity	Operating: 8% ~ 90% RH / Storage: 5% ~ 95% RH non condensing								
<b>SAFETY</b>		CE   TUV/ CB   UL   CUL   CCC   FCC   EN 60950-1:2006+A11   LVD2006/95/EC   IEC 60950-1:2005								
<b>EMC</b>	EMI	Meet EN55022 class B, Fcc part 15 Sub part B.   EN61000-3-2,3								
	EMS	EN 55024   EN61000-4-2,3,4,5,6,8,11								
<b>WEIGHT</b>	1pc	N.W.: 175g / pc								
		0.39 (L) x 0.30(W) x 0.42(H) [m]								
<b>PACKING</b>	Box	66 pcs / 1box								
		G.W.: 13kg								

Mechanical case specification:



Cable specification:

