



Country of Origin : China  
 Operating Temperature : 0 ~40 [°C]  
 Dimension : 75 x 34 x 55 [mm]  
 Approvals / Marks :   
 Efficiency level (ErP) 

**GREEN MODE**



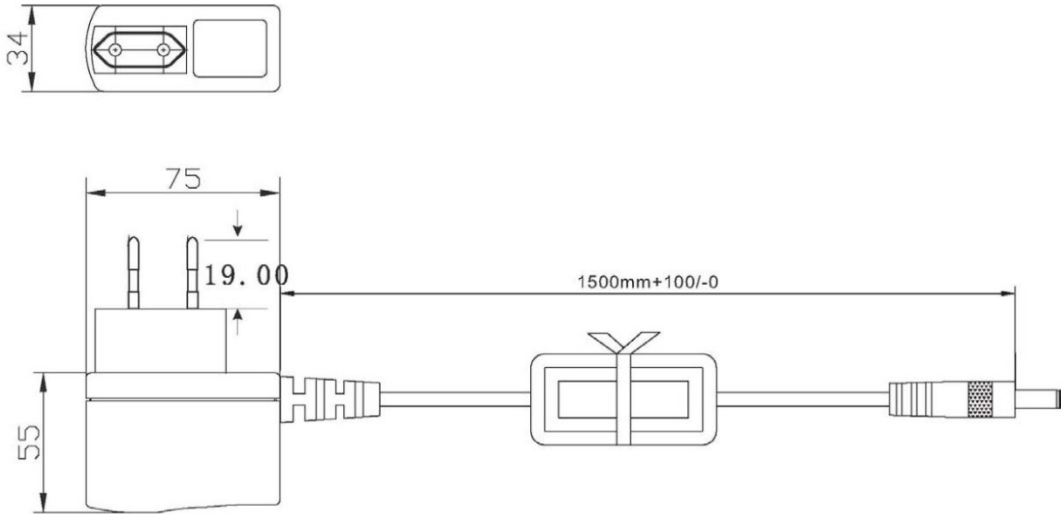
**Features:**

Wide range Input (90 ~ 264)VAC / (47 ~ 63) Hz.	
Over load, over voltage & short protection. For I.T.E. use only + RoHS conform.	National deviations and group differences consider for: AU, CA, DE, DK, FI, FR, GB, IT, JP, KR, NL, NO, PL, SE, SI, US

**Specification:**

		OUTPUT								
	Model	Voltage DC [V]	Loading [A]	Tol. [V]	OCP [A]	OVP [V] max	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV]p-p	Connector [mm] UL approved
ErP V.	<b>SYS1002-2406-W2E</b>	<b>6</b>	<b>0.05~4</b>	<b>5.7~6.3</b>	<b>4.2~8.5</b>	<b>6.6~10.2</b>	<b>≥79.83</b>	<b>24</b>	<b>120</b>	<b>2.1x5.5x11</b>
OEM Production	This model has been designed and certified for <b>Uout={4.2~7.5}V / max Pout=24W or Iout=4A</b> <b>Uout={7.6~10.5}V / max Pout=27W or Iout=3A</b> <b>Uout={10.6~16.0}V / max Pout=30W or Iout=2.5A</b> <b>Uout={16.1~24.0}V / max Pout=30W or Iout=1.8A</b>									
INPUT	Voltage	(90 ~ 264) VAC								
	Frequency	(47 ~ 63) Hz								
	Current	1,2A rms@ 100V AC and DC output full load								
	Surge Current max.	40/60Amax. @ power supply cold start, ambient temperature 25°C @ 115Vac/230Vac nominal AC input.								
	Leakage current	0.25mA Max.								
PROTECTION	Over load	OCP	The power supply shall be self-recovering when the fault condition is removed.							
	Over Voltage	OVP	The power supply shall be self-recovering when the fault condition is removed.							
	Short Circuit	Automatic recovery								
	Protection class	II.								
OTHERS	Insulation Resistance	Input to output: 50M OHM at 500VDC.								
	Dielectric Strength	I/P-O/P (FG): 3KVAC / 10mA / 1 min								
	Turn on delay	5000 ms max. @ AC low line input @ output full load								
	Hold-up Time	10ms @ AC nominal Input and Output full load (1 half cycle)								
	MTBF Qualification	50K hours full rated load operation at 25°C, according to the MIL-STD-217F.								
	DC cable & connector	1185#16AWG*2C/1.5M PVC BLACK 80°C & 5.5*2.1*11mm/180° or depends on request								
	Efficiency (typical)	The efficiency shall be higher than ≥79.83% typical while measuring at nominal line and maximum load. (EuP2)								
	Power Consumption	The input power should less than ≤0.3W with output no load at 115VAC/230VAC input.								
	Burn-in	2h								
ENVIRONMENT	Input Fuse	250VAC / 1.6A protected against power line surges and any abnormal conditions								
	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 80)°C								
	Humidity	Operating: (10 ~ 90)% RH / Storage: (20 ~ 90)% RH non condensing								
SAFETY	CE   TUV/GS									
EMC	EN55022:2006/A1:2007(CLASS B)   EN 55024:1998/A1:2001/A2:2003									
WEIGHT	1pc	N.W.: 167g / pc								
PACKING	Box	0.555 x 0.355 x 0.250 [m]								
		60 pcs / 1box								
		G.W.: 12kg / box								

**Mechanical specification:**



**Cable specification:**

