






Country of Origin : China
 Operating Temperature : 0~40 [°C]
 Dimension : 59 x 26 x 41 [mm]
 Efficiency level (ErP) : 
 Approvals / Marks :    



Features:

Wide range Input (90 ~ 264)VAC / (47 ~ 63) Hz.

RoHS conform.

Over load, over voltage & short protection.

Specification:

	Model		Voltage DC [V]	Loading [A]	Tol. [V]	OCP [A]	OVP max [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV]p-p	Connector [mm]
ErP V.	SYS1000-0305-W2E		5	0.0~0.5	4.75~5.25	0.55~1A	8V max.	≥67.97	3	200	2.1x5.5x11
	SYS1000-0309-W2E		9	0.0~0.3	8.55~9.45	0.33~0.6A	15V max.	≥68.46	3	200	2.1x5.5x11
	SYS1000-0312-W2E		12	0.0~0.25	11.4~12.6	0.3~0.5A	18V max.	≥69	3	200	2.1x5.5x11
INPUT	Voltage		(90 ~ 264) VAC								
	Frequency		(47 ~ 63) Hz								
	Current		The input current must be less than 0.4A at 100-240Vac input & Full load.								
	Inrush Current (cold start)		The inrush current must be less than 30A at 240Vac input and full load.								
	Surge Current max.		40Amax. @ power supply cold start, ambient temperature 25℃ @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		The adaptor shall hiccup and the input power shall decrease when the output is shorted, the power supply shall have no damage, and can be self-recovered when the fault condition is removed.								
	Input protection		10R 1W The power supply shall be protected against power line surges and any abnormal condition								
	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		3Sec max. @ AC low line input @ output full load								
	Hold-up Time		4ms Min. @ AC nominal Input and Output full load (1 half cycle)								
	MTBF Qualification		50K hours full rated load operation at 25℃, according to the MIL-STD-217F.								
	DC cable & connector		2468#26AWG*2C/4.5feet PVC BLACK 80℃ - 2.1*5.5*11mm/180° Center "+" or depends on request								
	Average Efficiency		The efficiency shall be higher than >=67.97% - >=69% typical while measuring at nominal line and maximum load.(Meet Energy level V)								
	Standby Power		The standby power must be less than 0.3W at 100-240Vac input.								
	Start-Up and Turn-off		The start-up time (Ton) : 4seconds Max. The output rise time (Trise) : 25ms Max.								
ENVIRONMENT	Temperature		Operating: (0 ~ 40)℃ / Storage: (-20 ~ 85)℃								
	Humidity		Operating: (10 ~ 90)% RH / Storage: (5 ~ 95)% RH non condensing								
SAFETY CE TUV/GS CB											
EMC			EN55022:2010 EN55024:2010 EN61000-3-2:2006+A1:2009+A2:2009 EN61000-3-3:2008								
			EN60950-1:2006+A11+A1+A12 EN61558-1:2005+A1 EN61558-2-16:2009								
WEIGHT	1pc		N.W.: 55g / pc								
			0.265x 0.325 x 0.465[m]								
PACKING	Box		150 pcs / 1box								
			G.W.: 10.5kg / box								

Mechanical case specification:

