

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 92.5 x 49.5 x 32.5 [mm]

Efficiency level (ErP) :

Approvals / Marks :



Features:										
Wide range Input (90 ~ 264)VAC / (47 ~ 63) Hz.					Over load, over voltage & short protection.					
Designed and certified also for IEC320-C7 cable & inlet C8 (T2).					National deviations and group differences consider for:					
For I.T.E. use only + RoHS conform.					AU, CA, DE, DK, FI, FR, GB, IT, JP, KR, NL, NO, PL, SE, SI, US					
Specification:										
	Model	Voltage DC [V]	Loading [A]	Tolerance [V]	OCP [A]	OVP max [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV]p-p	Connector [mm] UL approved
ErP V.	SYS1002-2005-T3	5	0.05~4	4.6~5.4	4.5~8.5	6~10	≥78.4	20	120	2.1x5.5x11
	SYS1002-2406-T3	6	0.05~4	5.7~6.3	4.2~8.5	6.6~10.2	≥79.8	24	120	2.1x5.5x11
	SYS1002-2709-T3	9	0.05~3	8.55~9.45	3.5~7.5	9.9~13.8	≥82.8	27	120	2.1x5.5x11
OEM Production	This model has been designed and certified for				Uout=(4.2~7.5)V / max Pout=24W or Iout=4A Uout=(7.6~10.5)V / max Pout=27W or Iout=3A Uout=(10.6~16.0)V / max Pout=30W or Iout=2.5A Uout=(16.1~24.0)V / max Pout=30W or Iout=1.8A					
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		3.5mA 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		I.							
OTHERS	Dielectric Strength		I/P-O/P (FG): 1.5KVAC / 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℃ & 5.5*2.1*11mm/180° or depends on request							
	Efficiency (typical)		The efficiency shall be higher than ≥78.4% typical while measuring at nominal line and maximum load. (Meet EuP2)							
	Power Consumption		The input power should less than ≤0.3W with output no load at 115VAC/230VAC input.							
	Burn-in		2h							
	Input Fuse		250VAC / 1.6A protected against power line surges and any abnormal conditions							
ENVIRONMENT	Temperature		Operating: (0 ~ 40)°C / Storage: (-20 ~ 80)°C							
	Humidity		Operating: (10 ~ 90)% RH / Storage: (20 ~ 90)% RH non condensing							
SAFETY		CE TUV/GS CB cUL C-TICK FCC								
EMC	EMI		FCC part 15 CLASS B , EN55022,CLASS B							
	EMS		IEC 60950-1 :2005(2 nd Edition) EN 60950-1 :2006 EN 60590-1/A11 :2009							
WEIGHT	1pc		N.W.: 167g / pc G.W.: 205g / pc							
			0.42 x 0.27 x 0.31 [m]							
PACKING	Box		50 pcs / 1box							
			G.W.: 11.5kg / box							