







Country of Origin : China
Operating Temperature : 0~40 [°C]
Dimension : 86.8 x 47.3 x 32.3 [mm]
Suitable AC cable: IEC320-C8
Efficiency level (ErP) : 
Approvals / Marks :     



Certified also for: A. V. application



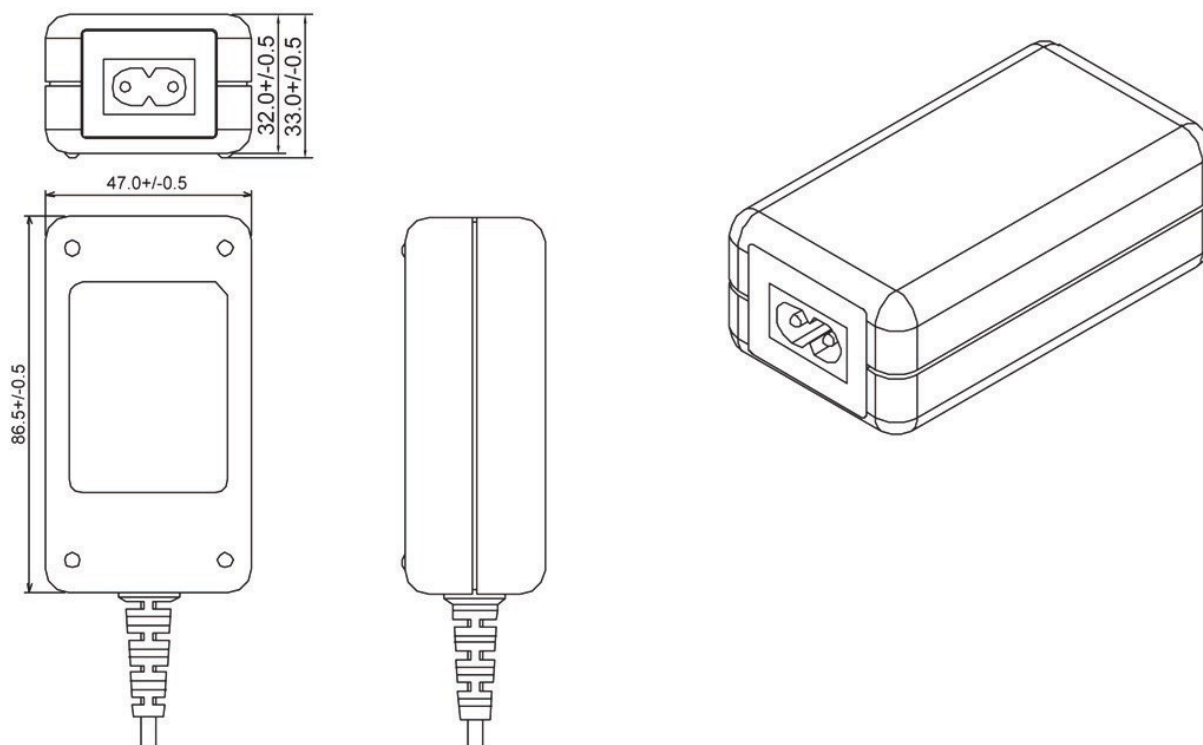
Features:

Wide range Input (90 ~ 264)VAC / (47 ~ 63) Hz.	Over load, over voltage & short protection.
Designed and certified also for IEC320-C13 cable & inlet C14 (T3).	Available for A.V. application
For I.T.E. use only + RoHS conform.	

Specification:

	Model	Voltage DC [V]	Loading [A]	Tol. [%]	OCP [A]	OVP max [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV]p-p	Connector UL approved [mm]
ErP V.	SYS1319-3012-T2	12	0~2.50	±5	3~8	16	>83.5	30	120	2.1x5.5x11
	SYS1319-3015-T2	15	0~2.00	±5	2.5~6.5	25	>80.6	30	150	2.1x5.5x11
	SYS1319-3018-T2	18	0~1.66	±5	2.0~5.5	25	>87.0	30	180	2.1x5.5x11
	SYS1319-3024-T2	24	0~1.25	±5	1.5~5.5	25	>84.0	30	240	2.1x5.5x11
OEM Production	This model is certified for Uout=(5,6,9,12,15,16,18,19,20,24)V and Pout=(5~30)W is rising in steps of 1W									
INPUT	Voltage		(90 ~ 264) VAC							
	Frequency		(47 ~ 63) Hz							
	Current		1A rms@ AC low line input 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	> 120% Fold back							
	Over Volt-age	OVP	> 105% Voltage limiting							
	Short Circuit		Yes, Output to Ground, Auto recovery when fault has been removed. Short Current & Over Current can not exceed 8A max. after 1minute at nominal line input.							
	Protection class		II.							
	No Load Operation		Yes, to protect the power supply and system from damage							
OTHERS	Dielectric Strength		I/P-O/P (FG): 3KVAC / 10mA / 1 min							
	Power ON Led		Yes							
	Turn on delay		5000 ms max. @ AC low line input @ output full load							
	Hold-up Time		10ms @ AC nominal Input and Output full load							
	MTBF Qualification		50K hours full rated load operation at 25°C, according to the MIL-HDBK-217F.							
	DC cable & connector		Standard length of the cable 1,8m & It depends on customer requirements and upon specifications							
	Efficiency (typical)		>73.5% @ 240VAC input & Full load More info in upon table.							
	Power Consumption		Max. 0.3Wrms @ AC nominal Input and Output min. load some models have achieved efficiency level IV.							
	Input Fuse		250VAC / 1.6A protected against power line surges and any abnormal conditions							
ENVIRONMENT	Temperature		Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C							
	Humidity		Operating: (8 ~ 90)% RH / Storage: (5 ~ 95)% RH non condensing							
SAFETY		CE TUV/GS CB UL cUL C-TICK SAA PSE BSMI KC T-License S-Mark CCC								
EMC	EMI		EN 55022 Class B (2006)+ A1(2007) EN 61000-3-2 (2006) + A1(2009) + A2 Class A(2009)/EN 61000-3-3 (2008)							
	EMS	EN55024(1998)+A1(2001)+A2(2003) IEC 61000-4-2 (2008) IEC 61000-4-3 (2006) + A1(2007) + A2(2010)								
		IEC 61000-4-4 (2004) + A1(2010) IEC 61000-4-5 (2005) IEC 61000-4-6 (2008) IEC 61000-4-8 (2009) IEC 61000-4-11 (2004)								
WEIGHT	1pc		N.W.: 200g / pc							
			0.48 x 0.26 x 0.44 [m]							
PACKING	Box		60 pcs / 1box							
			G.W.: 15kg / box							

Mechanical case specification:



Cable specification:

1185#18*1C + shield / 6FT (1830mm)

