


Country of Origin : China
 Operating Temperature : 0 ÷ 40[°C]
 Dimension : 75 x 34 x 43[mm]
 EFFICIENCY LEVEL : 

RoHS



Approvals / Marks :    

EFFICIENCY LEVEL: IV ~ V

Features:

- PWMIC electrical design.
- Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz.
- Over load, over voltage & short protection.
- Output connector: standard: 2.1x5.5x11 or customer requirement.
- Available in version: W2E(EU), W2(USA), W3U(UK), W2K(Korea).
- For I.T.E. use only + RoHS conform.

Specification:

		OUTPUT									
	Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Tol. [%]	OCP [A]	OVP [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV] p-p	Connector [mm]
	SYS1308-1005-W2E	5	0	2	±5	2.5~4.5	7~9	>77.6	10	80	A.B.C.D.U.V.Z.(*)
E.L.(**) IV	SYS1308-1505-W2E	5	0	3	±5	3.5~6.0	6~8	>77.6	15	80	2.1x5.5x11
	SYS1308-1808-W2E	7.5	0	2.4	±5	3.0~5.5	9~11	>77.6	18	100	2.1x5.5x11
	SYS1308-1809-W2E	9	0	2	±5	2.5~4.5	11~14	>77.6	18	100	2.1x5.5x11
	SYS1308-2412-W2E	12	0	2	±5	3.5~5.5	14~16	>77.6	24	120	2.1x5.5x11
	SYS1308-2415-W2E	15	0	1.6	±5	2.0~4.0	17~19	>77.6	24	120	2.1x5.5x11
	SYS1308-2418-W2E	18	0	1.33	±5	2.0~4.0	20~22	>77.6	24	120	2.1x5.5x11
E.L.(**) V	SYS1308-2424-W2E	24	0	1	±5	1.5~4.5	26~28	>77.6	24	240	2.1x5.5x11
(*) DC Connectors		"A" — 1.7 x 4.75 x 11.0 (black) "C" — 2.5 x 5.5 x 10.5 (yellow) "U" — 1.7 x 5.5 x 10.5 (yellow) "Z" — 1.35 x 3.5 x 10.5 (D-type)						"B" — 2.1 x 5.5 x 10.5 (black) "D" — 3.0 x 6.3 x 9 (yellow) "V" — 1.7 x 4.0 x 11 (yellow)			
INPUT	Voltage	(90 ~ 264)VAC									
	Frequency	(47 ~ 63)Hz									
	Current	1A @ 230VAC									
	Surge Current max.	60Amax. @ at 240VAC input, with rated load and 25°C ambient									
	Leakage current	<0.25 mA @ 240VAC input									
PROTECTION	Over load	OCP	Fold back								
	Over Voltage	OVP	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	HI-POT B / I/P-O/P (FG): 3KVAC / 10mA / 1 minute									
	Set up time	7s max. @ AC low line Input & Output full load									
	Hold-up Time	10ms @ AC nominal Input and Output full load									
	MTBF Qualification	> 35K hours									
	DC cable & connector	Standard length of the cable 1,8m & It depends on customer requirements and upon specifications									
	Efficiency (Normal)	>77.6% min. @ 240VAC input & Full load									
	Efficiency level	IV.									
	Power Consumption	Max. 0.5W @ AC nominal Input and Output min. load									
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 TUV EN60065:2002 / IEC 60065									
EMC	EMI	EN55022 Class B / FCC part 15 subpart B Class B / EN61000-3-2(2000) / EN61000-3-3(1995) + A1(2001)									
	EMS	IEC61000-4-2,5,8(2001) / IEC61000-4-3(2002) / IEC61000-4-6(2002)+A1(2003) / IEC61000-4-4,11(2004) EN55024(1998)+A1(2001)+A2(2003)									
WEIGHT	1pc	N.W.: 165g / pc G.W.: 185g / pc									
PACKING	Box	0.48 x 0.26 x 0.44 [m]									
		56pcs / 1box G.W.: 11.8 kg / box									