

Approval Marks



Item		Value	Remark
Nominal voltage		100 - 277 V	
Nominal frequency		50 - 60 Hz	
AC voltage range		90 - 305 V	
DC voltage range (start)		NA	
DC voltage range (operation)		NA	
Nominal current		85 / 50 mA	Full load @100/230VAC
Total Harmonic Distortion (THD)		NA	
Power factor		0.45 C	Full load @100/230VAC
Displacement factor		0.45 C	Full load @120/230VAC
Efficiency			Full load @100/230VAC
Input	LSC4W200LRP UNI	73 % (Typ.)	
	LSC4W350LRP UNI	70 % (Typ.)	
	LSC4W500LRP UNI	67 % (Typ.)	
	LSC4W700LRP UNI	68 % (Typ.)	
	No-load power	NA	
Stand-by power		NA	
Protection class		NA	
Inrush current		15 A / 300 us	
		Type B , 10A MCB	17
		Type B , 16A MCB	28
		Type C , 10A MCB	29
		Type C , 16A MCB	46
Earth leakage current		NA	
Output	Nominal voltage range		
	LSC4W200LRP UNI	13 - 17.5 Vdc	
	LSC4W350LRP UNI	2.7 - 9.5 Vdc	
	LSC4W500LRP UNI	2.7 - 6.5 Vdc	
	LSC4W700LRP UNI	2.7 - 6.0 Vdc	
	Maximum voltage		
	LSC4W200LRP UNI	28 Vdc	
	LSC4W350LRP UNI	18 Vdc	
	LSC4W500LRP UNI	15 Vdc	
	LSC4W700LRP UNI	15 Vdc	

	Item	Value	Remark
Output	Nominal current range		
	LSC4W200LRP UNI	200 mA	
	LSC4W350LRP UNI	350 mA	
	LSC4W500LRP UNI	500 mA	
	LSC4W700LRP UNI	700 mA	
	Current accuracy		Full load @100/230VAC
	LSC4W200LRP UNI	± 7 %	
	LSC4W350LRP UNI	± 7 %	
	LSC4W500LRP UNI	± 5 %	
	LSC4W700LRP UNI	± 5 %	
	Typical output LF current ripple	± 5 %	Low Frequency< 120Hz Full load @100/230VAC
	Starting time	< 0.5 S	Full load @100VAC
		< 0.5 S	Full load @230VAC
	SVM	≤ 0.4	Full load @230VAC
	P _{st} LM	≤ 1	Full load @230VAC
Dimming	Nominal power range		
	LSC4W200LRP UNI	2.6 - 3.5 W	
	LSC4W350LRP UNI	1.0 - 3.3 W	
	LSC4W500LRP UNI	1.4 - 3.2 W	
	LSC4W700LRP UNI	1.9 - 4.2 W	
	Maximum power	4 W	
	Dimming control	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Dimming range	NA	
Environment	Lowest dimming current	NA	
	Galvanic isolation	NA	
	Ambient temperature range t _a	- 20 °C - + 50 °C	
	Maximum case temperature t _c		
	LSC4W200LRP UNI	80 °C	
	LSC4W350LRP UNI	80 °C	
	LSC4W500LRP UNI	80 °C	
	LSC4W700LRP UNI	90 °C	
	Max. case temp. in fault condition	110 °C	When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
	Storage temperature range	- 40 °C - + 90 °C	
	Relative humidity	10 % - 90 %	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	

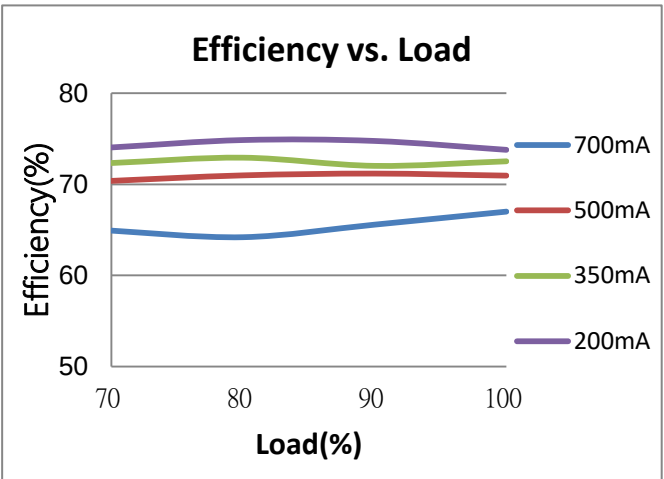
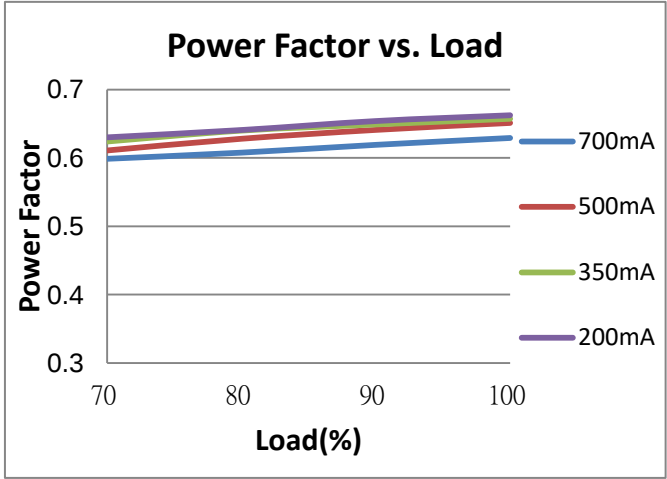
Item		Value				Remark	
Environment	Expected lifetime						
	LSC4W200LRP	>	50,000 h , tc	80 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
		>	100,000 h , tc	70 °C @ ta	40 °C	0.1 % / 1,000 h failure rate	
	LSC4W350LRP	>	50,000 h , tc	80 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
		>	100,000 h , tc	70 °C @ ta	40 °C	0.1 % / 1,000 h failure rate	
	LSC4W500LRP	>	50,000 h , tc	80 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
		>	100,000 h , tc	70 °C @ ta	40 °C	0.1 % / 1,000 h failure rate	
	LSC4W/700LRP	>	50,000 h , tc	90 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
>		100,000 h , tc	80 °C @ ta	40 °C	0.1 % / 1,000 h failure rate		
Packing	Gross weight/Carton		5.9 kg				
	Net weight/Carton		5.2 kg				
	Pcs/Carton		100 PCS				
	Dimension/Carton		240 (L) *	190 (W) *	185 (H) mm		
Protections							
Short-circuit Protection			Auto recovery				
Open-circuit Protection			Auto recovery				
Overload Protection			Auto recovery				
Conformity & Standards							
Safety standard:		EN 61347-1, EN 61347-2-13, EN 62493,UL8750					
Performance:		EN 62384					
SAA standard:		AS/NZS 61347.1, AS/NZS IEC 61347.2.13					
EMC standard:		EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547,FCC part15B					
Cable information							
PRI	Connection	L			N		
	Color	Black			White		
	Wire type	1332			1332		
	Wire diameter	AWG 18			AWG 18		
	Wire length	160 mm			159 mm		
	Stripping	10 mm			10 mm		
	Tolerance	±	5 mm		±	5 mm	
Sec	Connection	+			-		
	Color	Red			Black		
	Wire type	1332			1332		
	Wire diameter	AWG 22			AWG 22		
	Wire length	157 mm			157 mm		
	Strip length	5 mm			5 mm		
	Tolerance	±	5 mm		±	5 mm	

Subject to change without notice, HEP guarantees all products perform functionally well

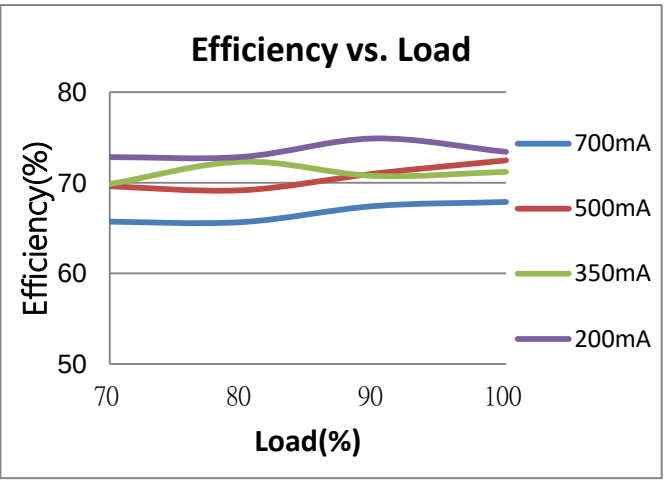
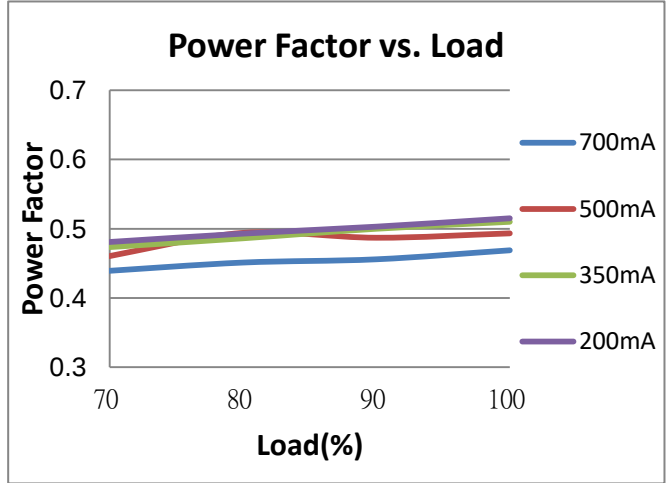
* If not mentioned, all the test conditions are based on full load at 100/230VAC input (for 100-240 VAC input).

Electrical Values

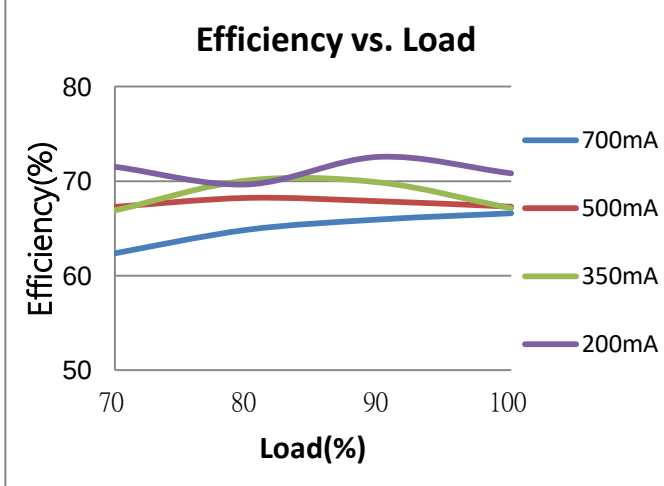
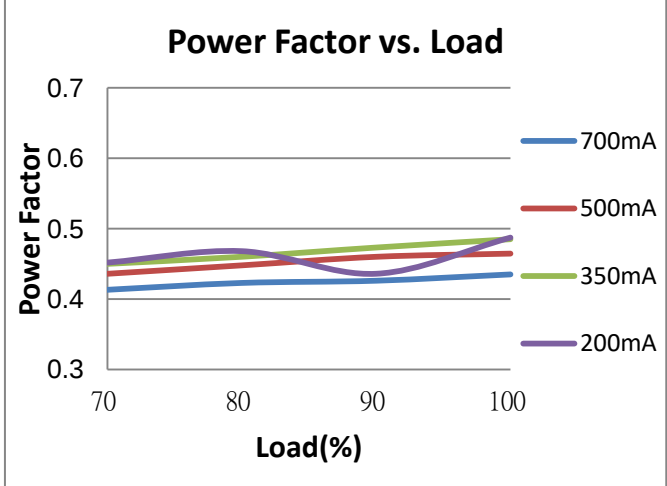
100V



230V

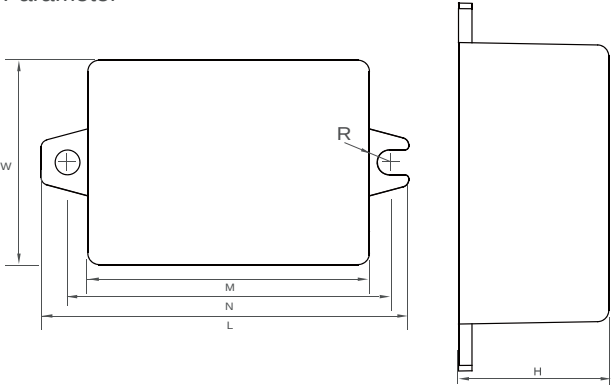


277V



Physical

Parameter



L : 49 mm H : 20 mm
M : 37.5 mm N : 42.9 mm
W : 27.2 mm R : 1.65 mm
Tolerance : +/-1 mm , R : +/-0.5 mm
Housing Material Polycarbonate/ Potting
Soldering Lead-Free, Comply With RoHS
Label Surface Print

Wiring Diagram

