



Approval Marks



		Item	Value	Remark
		Nominal voltage	100–277V	
		Nominal frequency	50–60Hz	
		AC voltage range	90–305V	
		DC voltage range (start)	NA	
		DC voltage range (operation)	NA	
		Nominal current		Full load @100/230VAC
Input		LSC15W350LRP UNI	190mA / 90mA	
		LSC15W500LRP UNI	190mA / 90mA	
		LSC15W700LRP UNI	200mA / 95mA	
		Total Harmonic Distortion (THD)	< 15%	Full load @100/230VAC
		Power factor		Full load @230VAC
		LSC15W350LRP UNI	0.82C-0.99	
		LSC15W500LRP UNI	0.85C-0.99	
		LSC15W700LRP UNI	0.85C-0.99	
		Displacement factor		Full load @230VAC
		LSC15W350LRP UNI	0.82C-0.99	
		LSC15W500LRP UNI	0.85C-0.99	
		LSC15W700LRP UNI	0.85C-0.99	
		Efficiency		Full load @230VAC
		LSC15W350LRP UNI	85% (Typ.)	
		LSC15W500LRP UNI	85% (Typ.)	
		LSC15W700LRP UNI	82% (Typ.)	
		No-load power	NA	
		Stand-by power	NA	
		Protection class	NA	
		Inrush current	6A / 25us	Full load @230VAC
		Type B , 10A MCB	20	
		Type B , 16A MCB	32	
		Type C , 10A MCB	25	
		Type C , 16A MCB	40	
		Max.units per circuit breaker		
		Earth leakage current	NA	

	Item	Value	Remark
Output	Nominal voltage range		
	LSC15W350LRP UNI	23-43Vdc	
	LSC15W500LRP UNI	18-30Vdc	
	LSC15W700LRP UNI	12-22Vdc	
	Maximum voltage		
	LSC15W350LRP UNI	52Vdc	
	LSC15W500LRP UNI	37Vdc	
	LSC15W700LRP UNI	33Vdc	
	Nominal current range		
	LSC15W350LRP UNI	350mA	
	LSC15W500LRP UNI	500mA	
	LSC15W700LRP UNI	700mA	
	Current accuracy	± 5%	Full load @ 100/230Vac
	Typical output LF current ripple	± 5%	Low Frequency< 120Hz Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
		< 0.75 S	Full load @120VAC
Environment	SVM	≤ 0.4	Full load @230VAC
	PstLM	≤ 1	Full load @230VAC
	Nominal power range		
	LSC15W350LRP UNI	8.1-15W	
	LSC15W500LRP UNI	9.0-15W	
	LSC15W700LRP UNI	8.4-15.4W	
	Maximum power	15.4W	
	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	85°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 - 85°C	
	Relative humidity	10% - 95%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
Packing	Expected lifetime		
	LSC15W350LRP/LSC15W500LRP		
	Full load	> 50,000 h, t _c 85 °C @ t _a 50 °C	0.2 % / 1,000 h failure rate
	Output load ≤ 10.5W	> 50,000 h, t _c 85 °C @ t _a 60 °C	0.2 % / 1,000 h failure rate
	LSC15W700LRP		
	Full load	> 50,000 h, t _c 85 °C @ t _a 50 °C	0.2 % / 1,000 h failure rate
	Output load ≤ 10.8W	> 30,000 h, t _c 85 °C @ t _a 60 °C	0.33 % / 1,000 h failure rate
	Gross weight/box	10.2 kg	
	Net weight/box	9.3 kg	
	Pcs/box	120 PCS	
	Dimension/box	490(L)*270(W)*225(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
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

Cable information

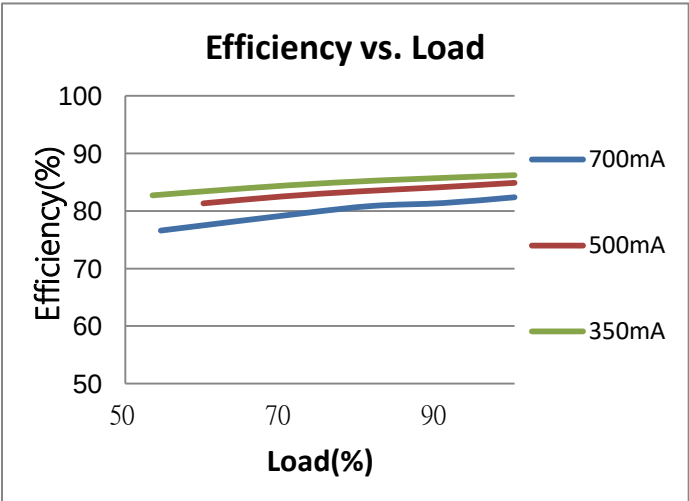
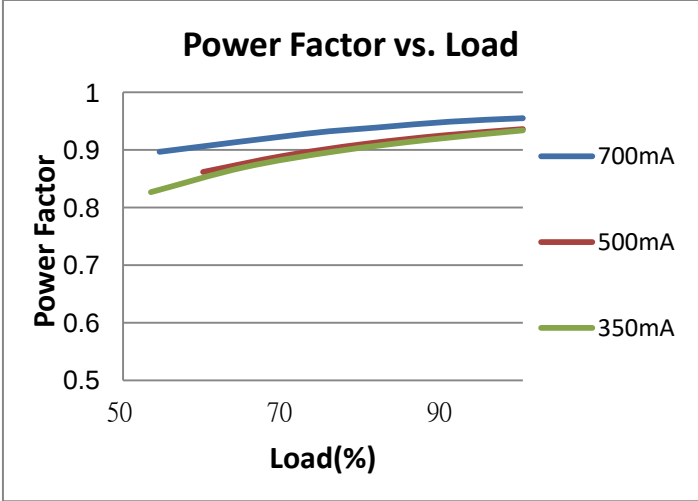
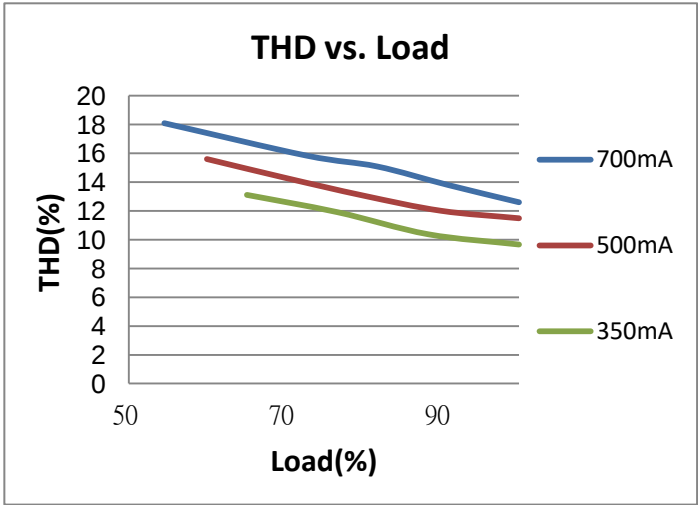
PRI Connection	L	N
Color	Brown	Blue
Wire type	7022	7022
Wire diameter	AWG18	AWG18
Wire length	135mm	135mm
Stripping	6mm	6mm
tolerance	±5mm	±5mm

Sec Connection	+	-
Color	Red	Black
Wire type	1332	1332
Wire diameter	AWG22	AWG22
Wire length	135mm	135mm
Strip length	10mm	10mm
tolerance	±5mm	±5mm

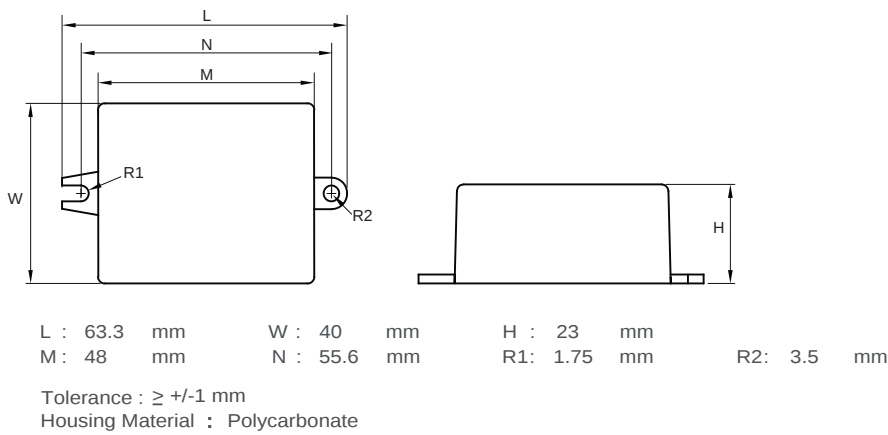
* If not mentioned, all the test conditions are based on full load at 100/230VAC input (for 100-277 VAC input).

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

Electrical Values



Physical
Parameter



Wiring Diagram

