



Approval



GMA-510127

Item		Value		Remark
Nominal voltage		100–240V		
Nominal frequency		50–60Hz		
AC voltage range		90–264V		
DC voltage range (start)		NA		
DC voltage range (operation)		NA		
Nominal current				Full load @100/230VAC
Input	LSC6W350LR UNI	85mA / 40mA		
	LSC6W500LR UNI	82mA / 38mA		
	LSC6W700LR UNI	90mA / 40mA		
	Total Harmonic Distortion (THD)	< 20%		Full load @100/230VAC
	Power factor			Full load @230VAC
	LSC6W350/700LR UNI	0.83C-0.99		
	LSC6W500LR UNI	0.86C-0.99		
	Displacement factor			Full load @230VAC
	LSC6W350/700LR UNI	0.83C-0.99		
	LSC6W500LR UNI	0.86C-0.99		
Efficiency				Full load @230VAC
LSC6W350LR UNI		75% (Typ.)		
LSC6W500/700LR UNI		71% (Typ.)		
No-load power		NA		
Stand-by power		NA		
Protection class		NA		
Inrush current		4.5 A / 30 μs		Full load @230VAC
Max.units per circuit breaker	Type B , 10A MCB		44	
	Type B , 16A MCB		71	
	Type C , 10A MCB		56	
	Type C , 16A MCB		89	
Touch current		< 0.7mA peak		IEC/EN 61347-1

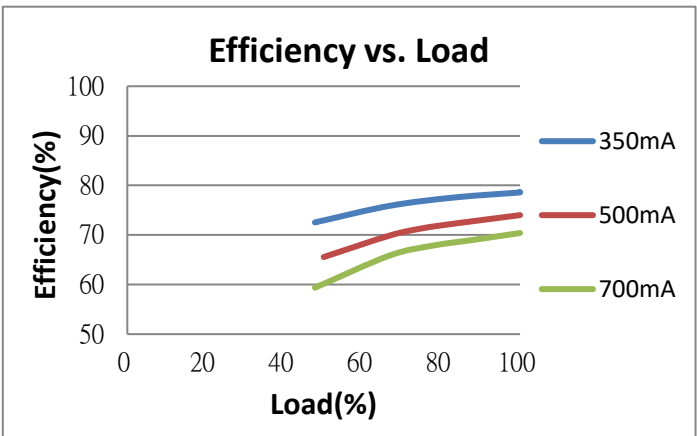
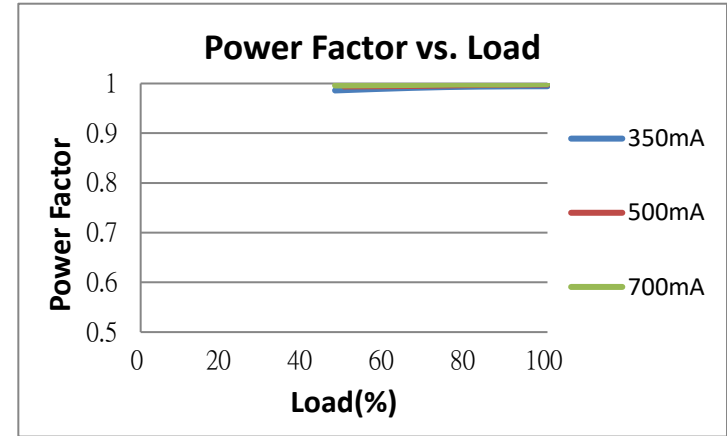
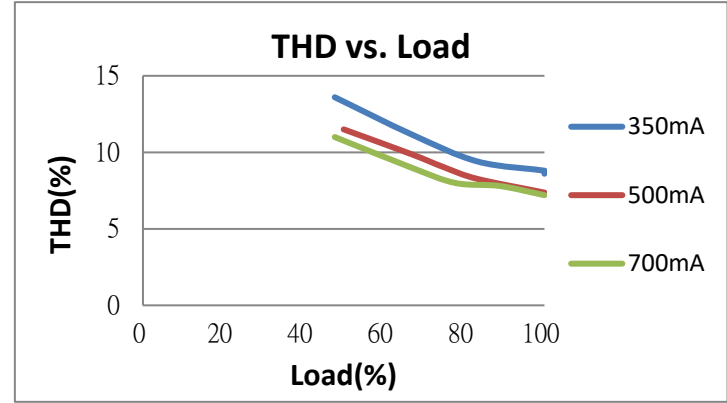
	Item	Value	Remark
Output	Nominal voltage range		
	LSC6W350LR UNI	8.6-18Vdc	
	LSC6W500LR UNI	6-12Vdc	
	LSC6W700LR UNI	4.3-9Vdc	
	Maximum voltage		
	LSC6W350LR UNI	25Vdc	
	LSC6W500LR UNI	18Vdc	
	LSC6W700LR UNI	16Vdc	
	Nominal current range		
	LSC6W350LR UNI	350mA	
	LSC6W500LR UNI	500mA	
	LSC6W700LR UNI	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
		<1.5 S	Full load @100VAC
	SVM	≤ 0.4	Full load @230VAC
	P _{stLM}	≤ 1	Full load @230VAC
	Nominal power range		
Environment	LSC6W350LR UNI	3.0-6.3W	
	LSC6W500LR UNI	3.0-6.0W	
	LSC6W700LR UNI	3.0-6.3W	
	Maximum power	6.3W	
	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	80°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 , 2KV	L/N , L-PE/N-PE
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime		
Packing	Full load	> 50,000 h, t _c 80 °C @ t _a 50 °C	0.2 % / 1,000 h failure rate
	Output load ≤ 4W	> 50,000 h, t _c 80 °C @ t _a 60 °C	0.2 % / 1,000 h failure rate
	Gross weight/box	13.1 kg	
	Net weight/box	11.6 kg	
Packing	Pcs/box	288 PCS	
	Dimension/box	385(L)*310(W)*260(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 61547:2023
Cable information	
PRI Connection	
Cable cross-section	0.5-2.5□/AWG 20-14
Stripping	9mm
Sec Connection	
Cable cross-section	0.34-2.5□/AWG 22-14
Strip length	9mm
Terminal information	
PRI -Screw type	
SEC -Screw type	

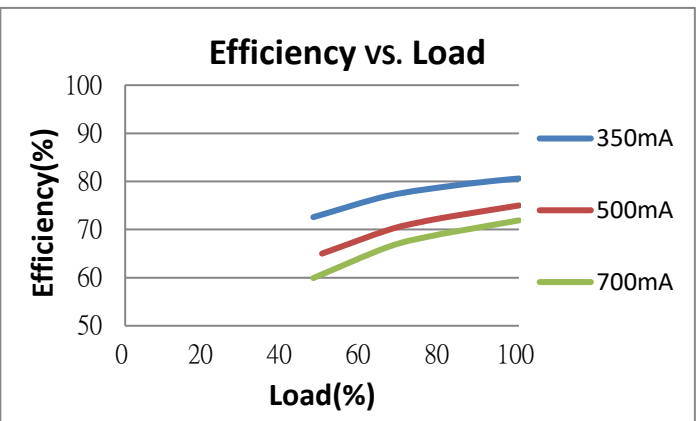
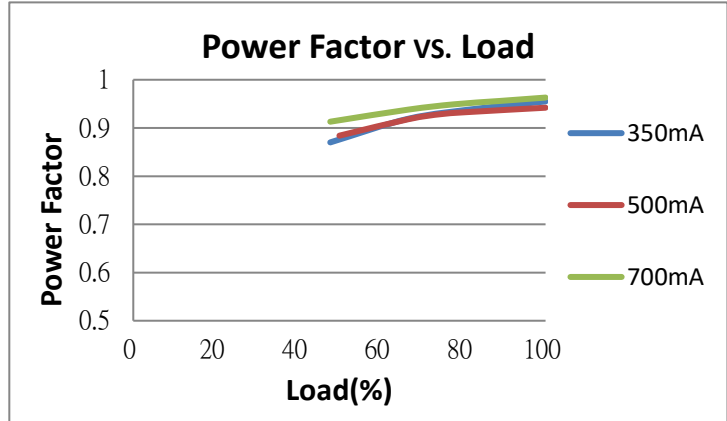
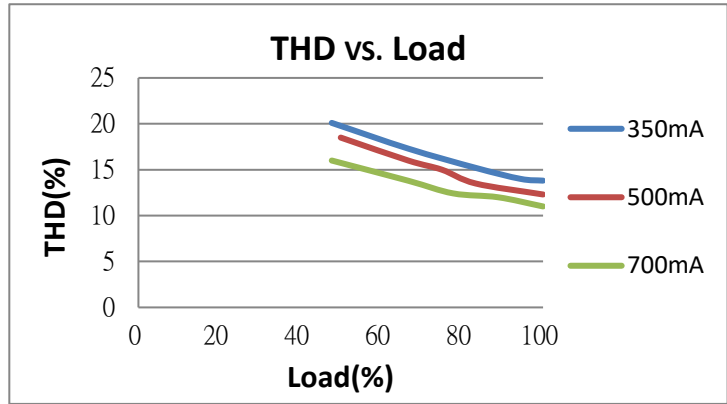
Subject to change without notice, HEP guarantees all products perform functionally well

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

100V

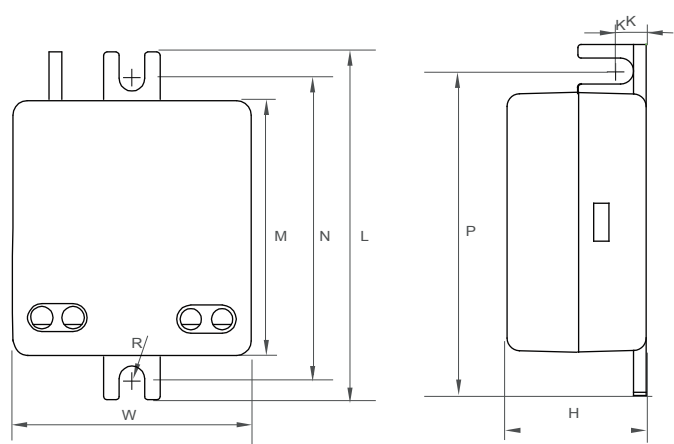


230V



Physical

Parameter



L : 55.6 mm W: 38.5 mm R : 2.05 mm
M: 41.1 mm H: 21.8 mm P : 51.3 mm
N: 48 mm K : 4.05 mm

Tolerance : $\geq \pm 1$ mm
Housing Material : Polycarbonate

Wiring Diagram

