



Approval



GMA-510126-EA

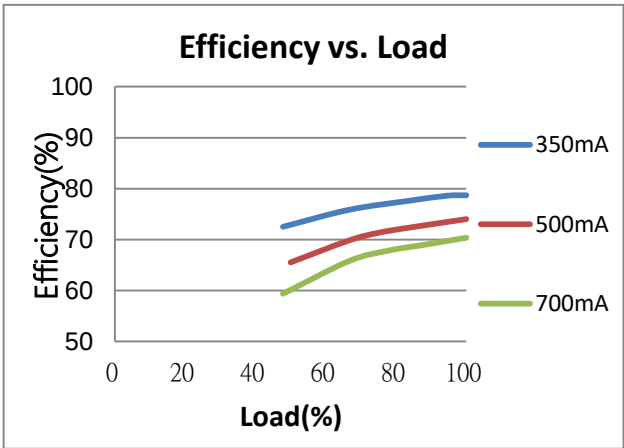
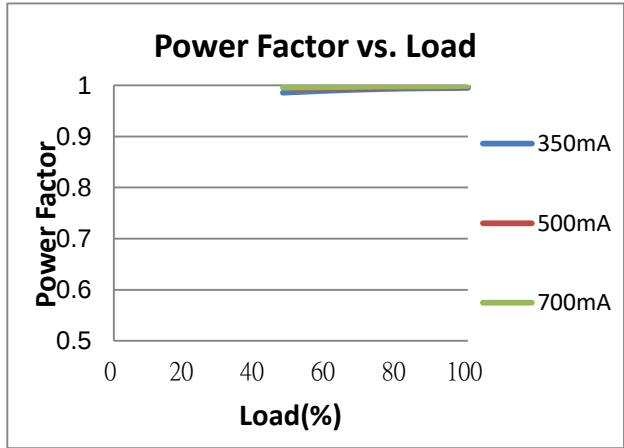
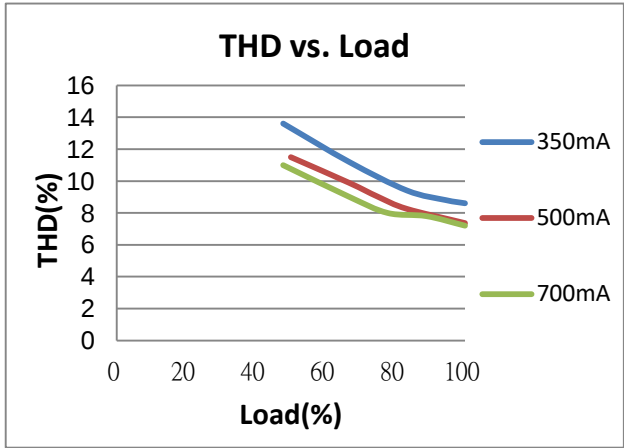


Item		Value	Remark
Input	Nominal voltage	100–240V	
	Nominal frequency	50–60Hz	
	AC voltage range	90–264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current		
	LSC6W350LR-Z UNI	85mA / 40mA	Full load @100/230VAC
	LSC6W500LR-Z UNI	82mA / 38mA	Full load @100/230VAC
	LSC6W700LR-Z UNI	90mA / 40mA	Full load @100/230VAC
	Total Harmonic Distortion (THD)	< 20%	Full load @100/230VAC
	Power factor		Full load @230VAC
	LSC6W350/700LR-Z UNI	0.83C-0.99	
	LSC6W500LR-ZUNI	0.86C-0.99	
	Displacement factor		Full load @230VAC
	LSC6W350/700LR-Z UNI	0.83C-0.99	
	LSC6W500LR-ZUNI	0.86C-0.99	
	Efficiency		Full load @230VAC
	LSC6W350LR-Z UNI	75% (Typ.)	
	LSC6W500/700LR-Z UNI	71% (Typ.)	
	No-load power	NA	
	Stand-by power	NA	
	Protection class	II	Suitable for class II luminaires
	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
	Earth leakage current	N/A	
Output	Nominal voltage range		
	LSC6W350LR-Z UNI	8.6-18Vdc	
	LSC6W500LR-Z UNI	6-12Vdc	
	LSC6W700LR-Z UNI	4.3-9Vdc	

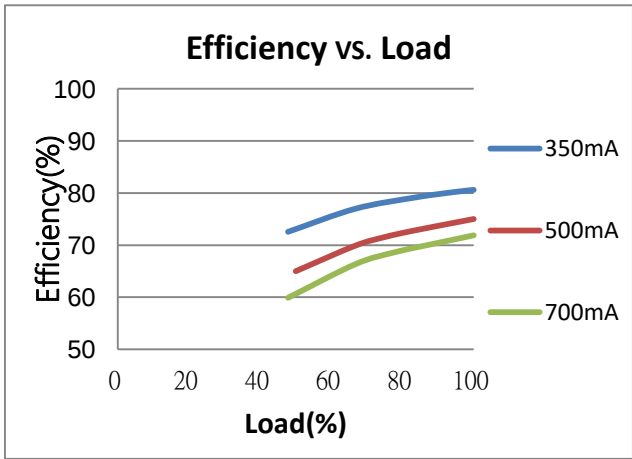
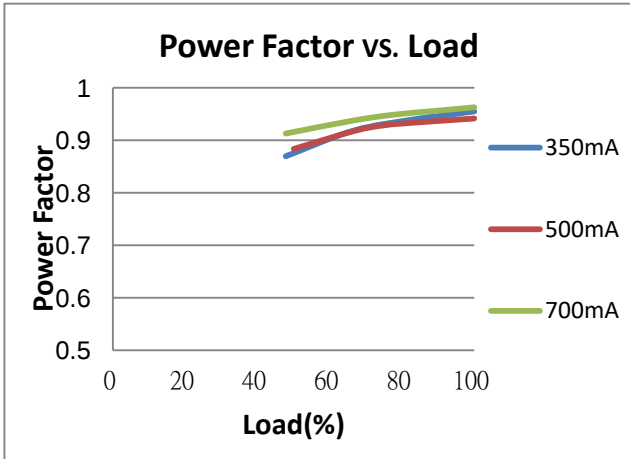
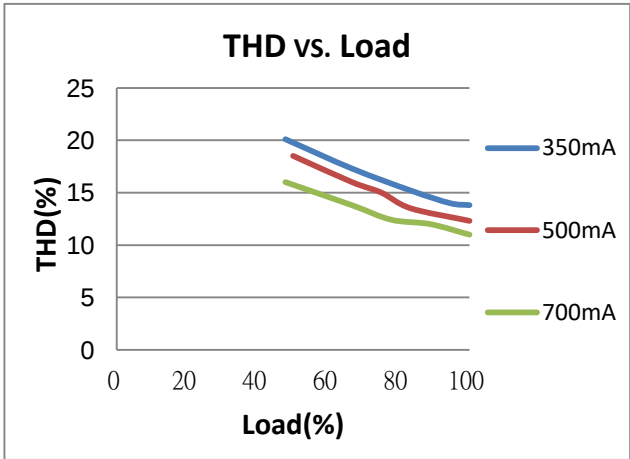
	Item	Value	Remark
Output	Maximum voltage		
	LSC6W350LR-Z UNI	25Vdc	
	LSC6W500LR-Z UNI	18Vdc	
	LSC6W700LR-Z UNI	16Vdc	
	Nominal current range		
	LSC6W350LR-Z UNI	350mA	
	LSC6W500LR-Z UNI	500mA	
	LSC6W700LR-Z UNI	700mA	
	Current accuracy	± 5%	Full load @100/230VAC
	Typical output LF current ripple	± 5%	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
	PstLM	≤ 1	Full load @230VAC
	Nominal power range		
	LSC6W350LR-Z UNI	3.0-6.3W	
	LSC6W500LR-Z UNI	3.0-6.0W	
	LSC6W700LR-Z UNI	3.0-6.3W	
	Maximum power	6.3W	
Environment	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	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, t _c 80 °C @ t _a 50 °C > 100,000 h, t _c 70 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	10.3 kg	
	Net weight/box	8.8 kg	
	Pcs/box	200 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	

Cable information		
PRI	Connection	
	Cable cross-section	0.5-2.5□/AWG 20-14
	Stripping	9mm
	Pull test cable type	H03VV(H2)-F 2x0,75-1,5 m _{mm} ² ,H05VV(H2)-F 2x0,75-1,5 m _{mm} ²
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

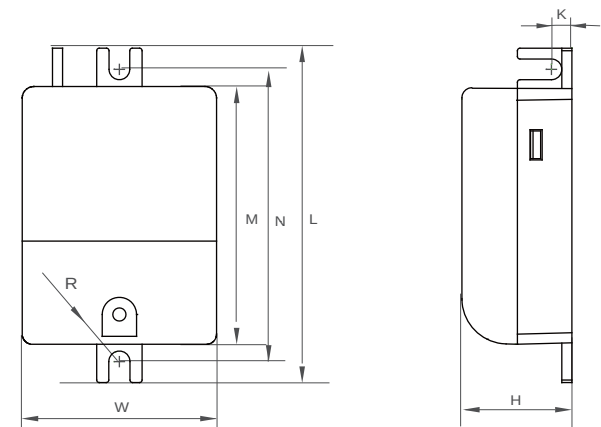


230V

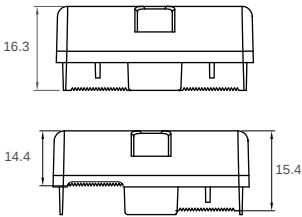


Physical

Parameter



Side Cover



L : 66.3 mm H : 21.8 mm
M : 51.1 mm R : 2.05 mm
N : 58 mm K : 4.05 mm
W : 38.5 mm
Tolerance : $\geq \pm 1$ mm
Housing Material : Polycarbonate

Wiring Diagram

