



Approval Marks



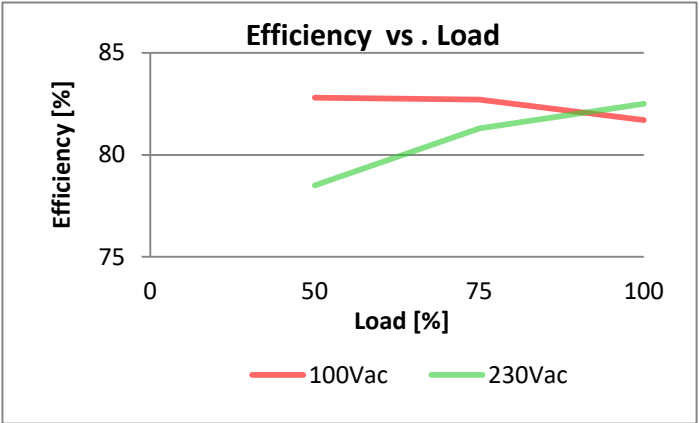
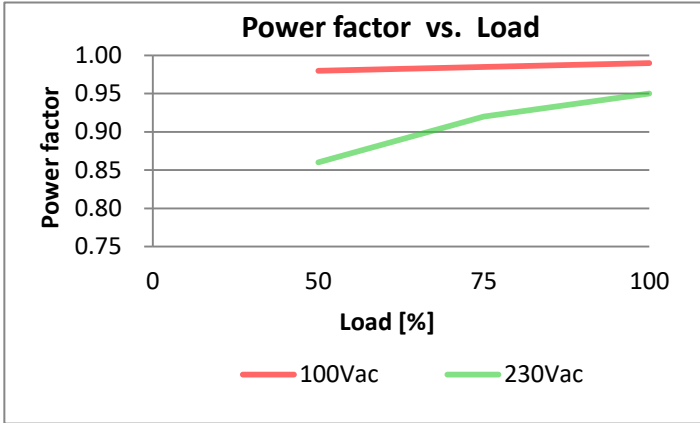
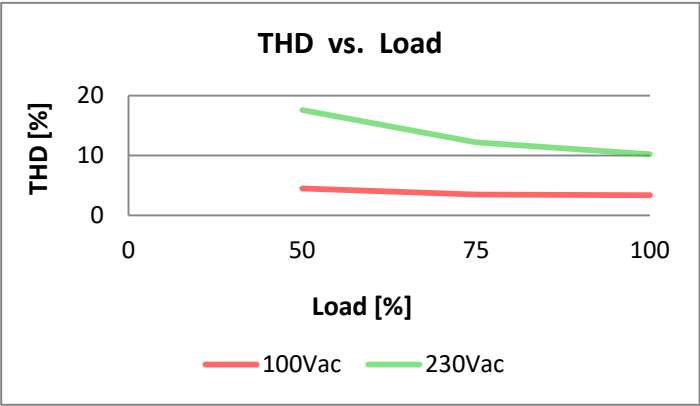
GMA-511608

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	75mA	
	Total Harmonic Distortion (THD)	< 15%	Full load @100VAC / 230VAC
	Power factor	0.3-0.9C	Full load @230VAC
	Displacement factor	0.3-0.9C	Full load @230VAC
	Efficiency	80% (Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
Protection class		II	Suitable for class II luminaires
Inrush current		9 A @ 30 μ s	
Max.units per circuit breaker	Type B , 10A MCB	53	
	Type B , 16A MCB	85	
	Type C , 10A MCB	67	
	Type C , 16A MCB	107	
Earth leakage current		NA	
Output	Nominal voltage range	12V	
	Maximum voltage	14V	
	Voltage accuracy	$\pm 5\%$	Full load @230VAC
	Output LF voltage ripple	$\pm 4\%$	(<120Hz)
	Starting time	< 0.8 S	Full load @100VAC
	SVM	≤ 0.4	Full load @100/230VAC
	PstLM	≤ 1	Full load @100/230VAC
	Nominal current range	0-500mA	
	Nominal power range	0-6W	
	Maximum current	500mA	
	Maximum power	6W	
	Start-up Delay	< 0.5S	Full load @230VAC

	Item	Value	Remark
Dimming	Dimming control	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	75°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	-25°C - +95°C	
	Relative humidity	10% - 85%	
	Surge transient protection	1kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, t _c 75 °C @ t _a 50 °C > 100000 h, t _c 65 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/Carton	6.4 kg	
	Net weight/Carton	5.4 kg	
	Pcs/Carton	144 pcs	
	Dimension/Carton	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:	EN 61347-1, EN 61347-2-13, EN 62493	
	Performance:	EN 62384	
	EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547	
	SAA standard	AS/NZS 61347.1, AS 61347.2.13	
Cable information			
PRI			
	Cable cross-section	0.5-1.5mm ² /AWG 20-16	
	Stripping	6-7mm	
	Pull test cable type	H03VV(H2)-F 2x0,75-1,0 mm ² ,H05VV(H2)-F 2x0,75 mm ²	
SEC			
	Cable cross-section	0.5-1.5mm ² /AWG 20-16	
	Stripping	6-7mm	
Terminal information			
	PRI-Screw type		
	SEC-Screw type		

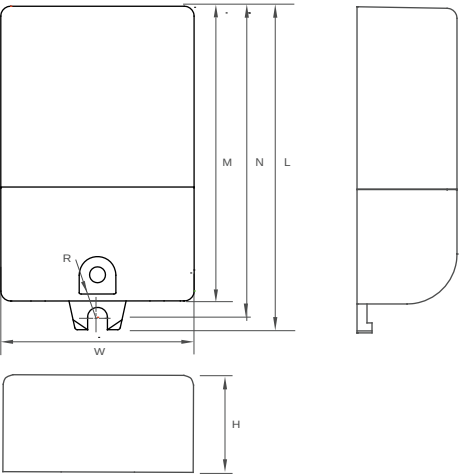
* If not mentioned, all the test conditions are based on full load at 100/230VAC input (for 100-240 VAC input).

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



Physical

Parameter



L : 65 mm H : 20 mm
M : 59.2 mm R : 2 mm
N : 62.5 mm W : 39 mm

Tolerance : +/-1 mm , R : +/-0.5 mm

Slot On One Side Allowing Alignment : M+/-3 mm

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

