

Approval Marks



GMA-511608

Item		Value	Remark
Input	Nominal voltage	220-240V	
	Nominal frequency	50–60Hz	
	AC voltage range	198-264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current	110mA	Full load @230VAC
	Total Harmonic Distortion (THD)	< 10%	Full load @ 230VAC
	Power factor	0.2-0.95	Full load @230VAC
	Displacement factor	0.2-0.95	Full load @230VAC
	Efficiency		
	24V	85% (Typ.)	Full load @230VAC
	12V	80% (Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
Output	Protection class	II	Suitable for class II luminaires
	Inrush current	7 A / 23 μs	
	Max.units per circuit breaker	Type B , 10A MCB	36
		Type B , 16A MCB	58
		Type C , 10A MCB	45
		Type C , 16A MCB	73
	Earth leakage current	NA	
	Nominal voltage range		
	24V	24V	
	12V	12V	
	Maximum voltage		
	24V	25V	
	12V	13V	
	Voltage accuracy	±5%	Full load @230VAC
	SVM	≤0.4	Full load @230VAC
	P _{stLM}	≤1	Full load @230VAC
	Output LF voltage ripple	±5%	(<120Hz)
	Nominal current range		
	24V	50-833mA	
	12V	50-1500mA	

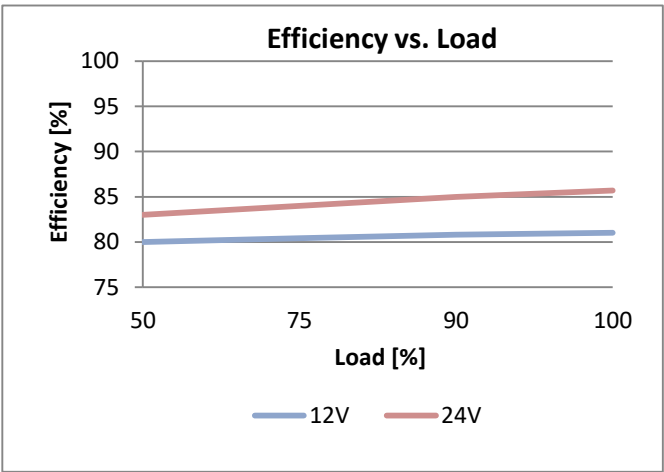
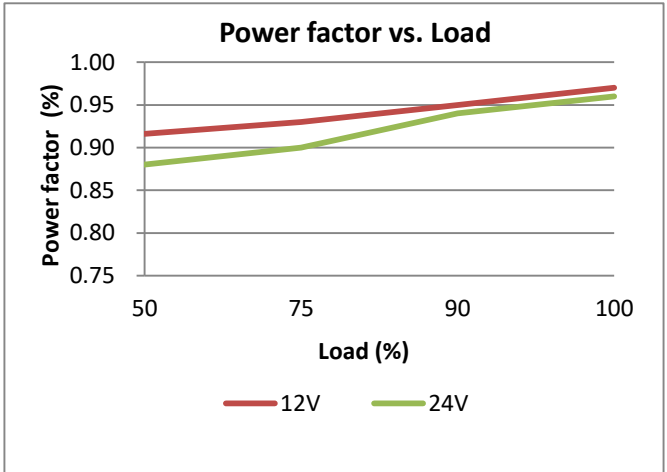
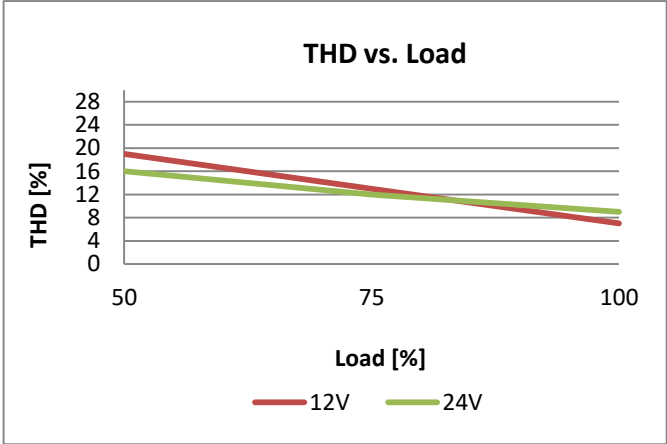
	Item	Value	Remark
Output	Nominal power range		
	24V	1.2-20W	
	12V	0.6-18W	
	Maximum current		
	24V	833mA	
	12V	1500mA	
	Maximum power		
	24V	1.2-20W	
	12V	0.6-18W	
	Start-up Delay	< 0.5S	Full load @230VAC
Dimming	Dimming control	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +45°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 - +85°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 45 °C > 100000 h, t _c 65 °C @ t _a 35 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/Carton	12.8 kg	
	Net weight/Carton	11.5 kg	
	Pcs/Carton	144 PCS	
	Dimension/Carton	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:	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	0.5-1.5□/AWG 20-16	
	Stripping	9mm	
	Pull test cable type	H03VV(H2)-F 2x0,75-1,0 m ² ,H05VV(H2)-F 2x0,75 m ²	
SEC			
	Cable cross-section	0.5-1.5□/AWG 20-16	
	Stripping	9mm	

Terminal information
PRI-Push button
SEC-Push button

* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

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

Electrical Values

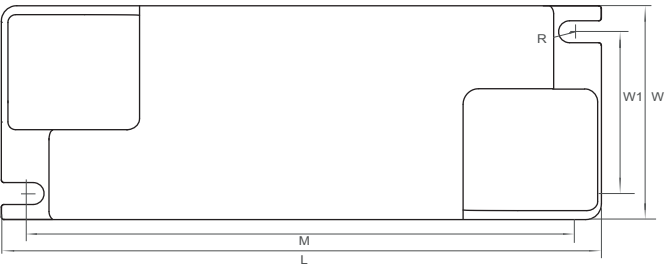


Jumper

Urated	12V	24V
Irangle	1.5A max.	0.83A max.
JP1	 open	 set

Physical

Parameter



L : 115 mm W : 41 mm H : 25 mm
M 102.8 mm W1: 31 mm R : 2.1 mm

Slot On One Side Allowing Alignment : M+/-3 mm
Tolerance : +/-1 mm , R : +/-0.5 mm
Housing Material : Polycarbonate
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print



Wiring Diagram

