



Approval Marks



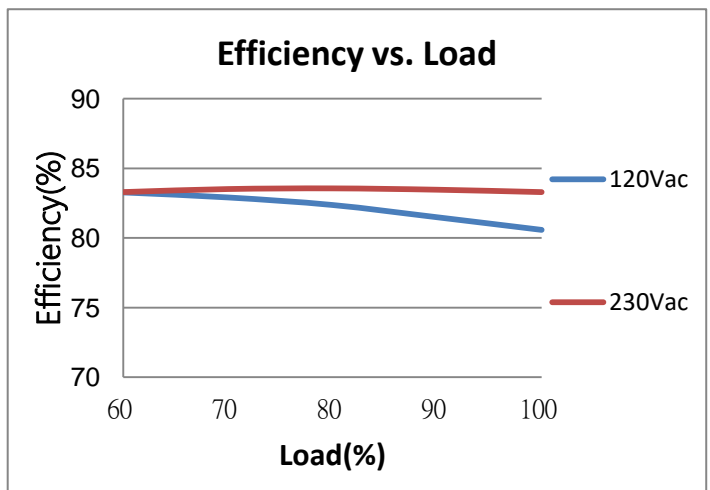
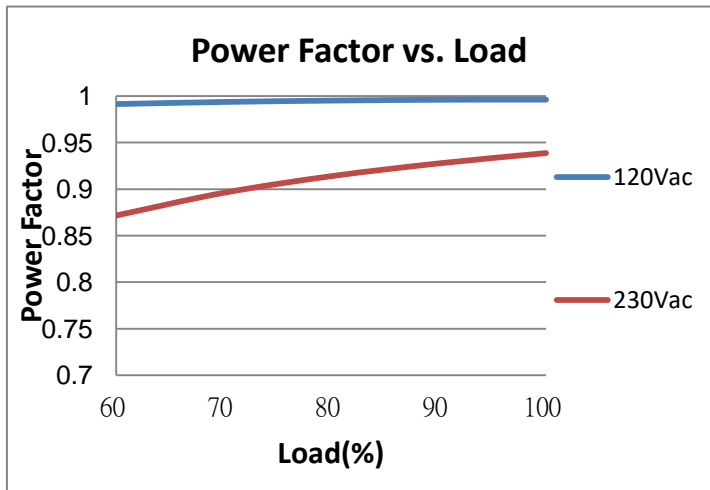
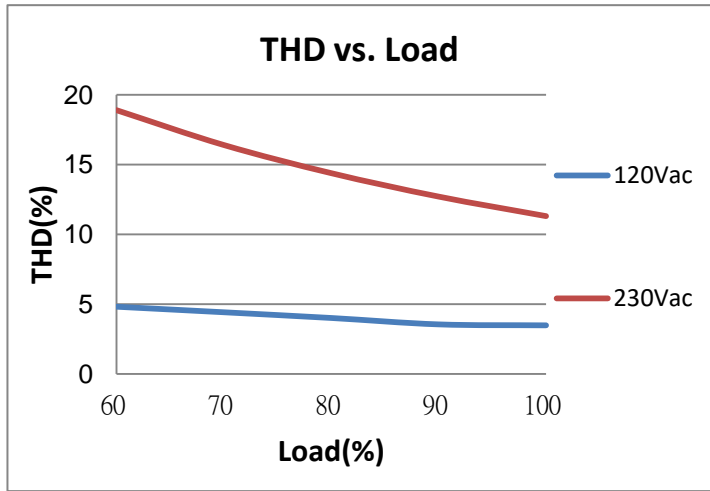
Item	Value	Remark
Nominal voltage	120-240V	
Nominal frequency	50–60Hz	
AC voltage range	108-264V	
DC voltage range (start)	NA	
DC voltage range (operation)	NA	
Nominal current	170 / 100mA	Full load @ 120/230VAC
Total Harmonic Distortion (THD)	< 20%	Full load @ 230VAC
Power factor	0.15-0.9C	Full load @ 230VAC
Displacement factor	0.15-0.9C	Full load @ 230VAC
Efficiency	85%(Typ.)	Full load @ 230VAC
No-load power	NA	
Stand-by power	NA	
Protection class	II	Suitable for class II luminaires
Inrush current	5 A / 45 μs	
Max.units per circuit breaker	Type B , 10A MCB	24
	Type B , 16A MCB	38
	Type C , 10A MCB	29
	Type C , 16A MCB	47
Earth leakage current	NA	
Nominal voltage	12Vdc	
Maximum voltage	14Vdc	
voltage accuracy	±5%	Full load @ 230VAC
Output LF voltage ripple	±8%	(<120Hz)
SVM	≤ 0.4	Full load @ 120/230VAC
P _{stLM}	≤ 1	Full load @ 120/230VAC
Starting time	<1.1 S	Full load @ 120VAC
Nominal current range	50-1250mA	
Nominal power range	0.6-15W	
Maximum current	1250mA	
Maximum power	15W	
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			
Item	Value	Remark	
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	-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 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/box	12.9 kg		
Net weight/box	11.6 kg		
Pcs/box	168 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		
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 120/230VAC input (for 120-240 VAC input).

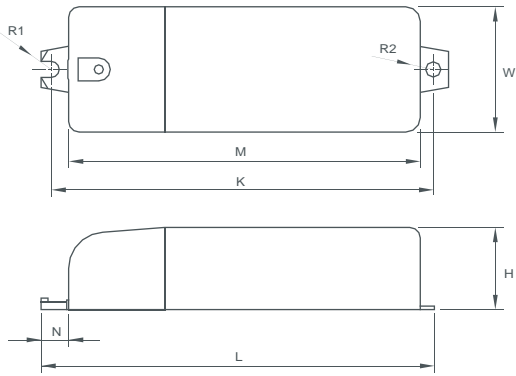
Subject to change without notice, HEP guarantees all products perform functionally well

Electrical Values



Physical

Parameter



L : 106.2 mm H : 21.5 mm

M : 92 mm K : 100 mm

N : 7.4 mm R1 : 2.1 mm

W : 32.9 mm R2 : 2 mm

Slot On One Side Allowing Alignment : $K \pm 3$ mm

Tolerance : ± 1 mm , R : ± 0.5 mm

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

