

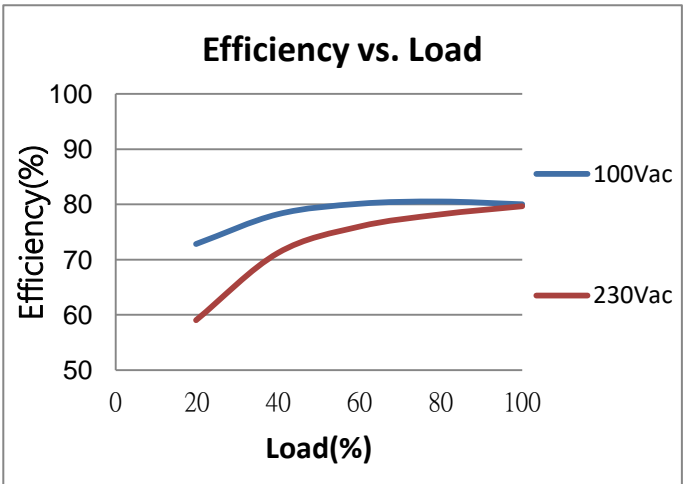
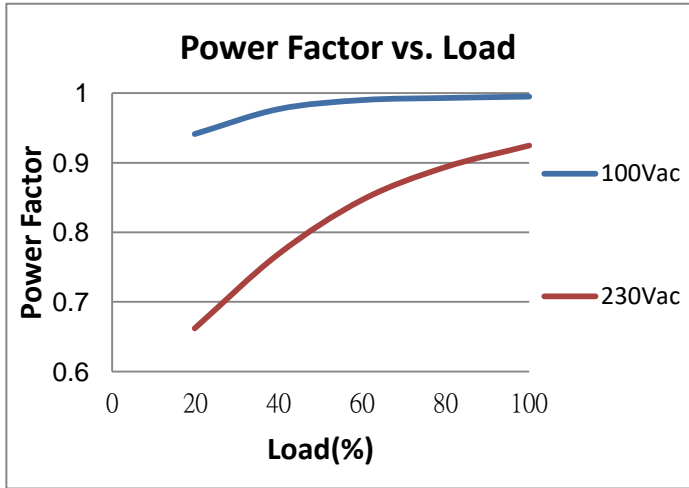
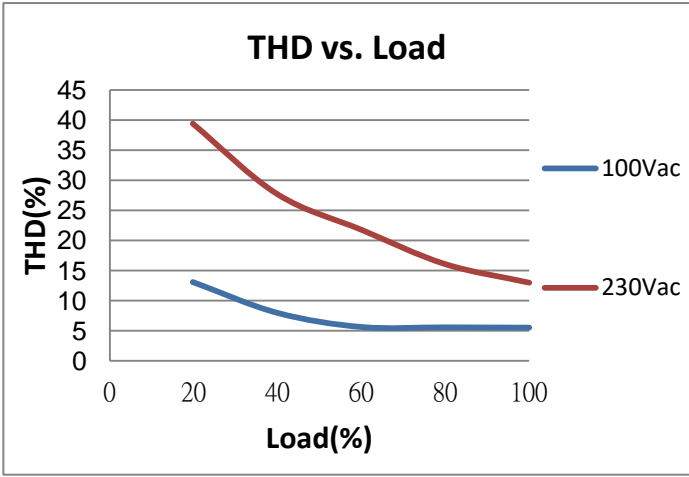
Item	Value	Remark
Nominal voltage	100 - 240 V	
Nominal frequency	50 - 60 Hz	
AC voltage range	90 - 264 V	
DC voltage range (start)	NA	
DC voltage range (operation)	NA	
Nominal current	60 / 30 mA	Full load @100/230VAC
Total Harmonic Distortion (THD)	< 20 %	Full load @100/230VAC
Power factor	0.3 - 0.9 C	Full load @100/230VAC
Displacement factor	0.3 - 0.9 C	Full load @100/230VAC
Efficiency	80 % (Typ.)	Full load @100/230VAC
No-load power	NA	
Stand-by power	NA	
Protection class	NA	
Inrush current	9 A / 30 us	
Max.units per circuit breaker	Type B , 10A MCB	67
	Type B , 16A MCB	107
	Type C , 10A MCB	83
	Type C , 16A MCB	133
Earth leakage current	NA	
Nominal voltage	12 Vdc	
Maximum voltage	14 Vdc	
Voltage accuracy	± 5 %	Full load @100/230VAC
Output LF voltage ripple	± 4 %	(<120Hz)
SVM	≤ 0.4	Full load @100/230VAC
P <sub>stLM</sub>	≤ 1	Full load @100/230VAC
Starting time	< 0.5 S	Full load @100/230VAC
Nominal current range	0 - 333 mA	
Nominal power range	0 - 4 W	
Dimming control	NA	
Dimming technique	NA	
PWM frequency	NA	
Dimming range	NA	
Lowest dimming current	NA	
Galvanic isolation	NA	

Item	Value	Remark	
Ambient temperature range $t_a$	- 20 °C - + 50 °C		
Maximum case temperature $t_c$	65 °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	
<b>Environment</b>	Storage temperature range	- 25 °C - + 85 °C	
	Relative humidity	10 % - 95 %	
	Surge transient protection	1kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime		
		Full load > 50,000 h, $t_c$ 65 °C @ $t_a$ 50 °C	0.2 % / 1,000 h failure rate
	Output load $\leq$ 2.8W > 50,000 h, $t_c$ 65 °C @ $t_a$ 60 °C	0.2 % / 1,000 h failure rate	
<b>Packing</b>	Gross weight/box	10.7 kg	
	Net weight/box	9.4 kg	
	Pcs/box	288 PCS	
	Dimension/box	385 (L) * 310 (W) * 260 (H) mm	
<b>Protections</b>			
Short-circuit Protection	Auto recovery		
Open-circuit Protection	Auto recovery		
Overload Protection	Auto recovery		
<b>Conformity &amp; Standards</b>			
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		
<b>Cable information</b>			
<b>PRI</b>			
Cable cross-section	0.75 - 1.5 $\square$ / AWG 18 - 16		
Stripping	6 mm		
<b>SEC</b>			
Cable cross-section	0.75 - 1.5 $\square$ / AWG 18 - 16		
Stripping	6 mm		
<b>Terminal information</b>			
<b>PRI- Screw</b>			
<b>SEC Screw</b>			

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

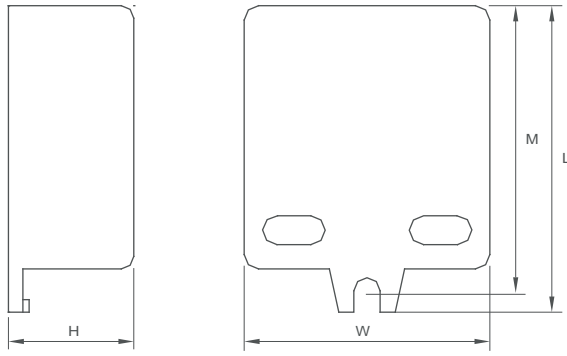
\* If not mentioned, all the test conditions are based on full load at 100/230VAC input (for 100-240 VAC input).

**Electrical Values**



## Physical

### Parameter



L : 48.5 mm    H : 20 mm  
M : 45.1 mm    W : 39 mm

Tolerance : +/-1 mm

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

## Wiring Diagram

