

Approval Marks

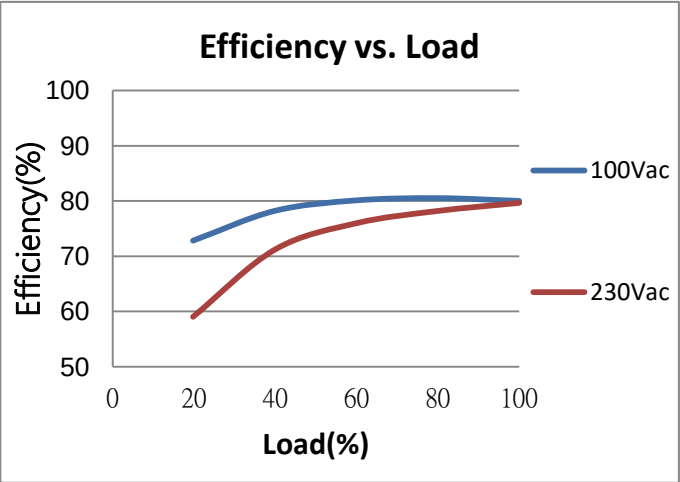
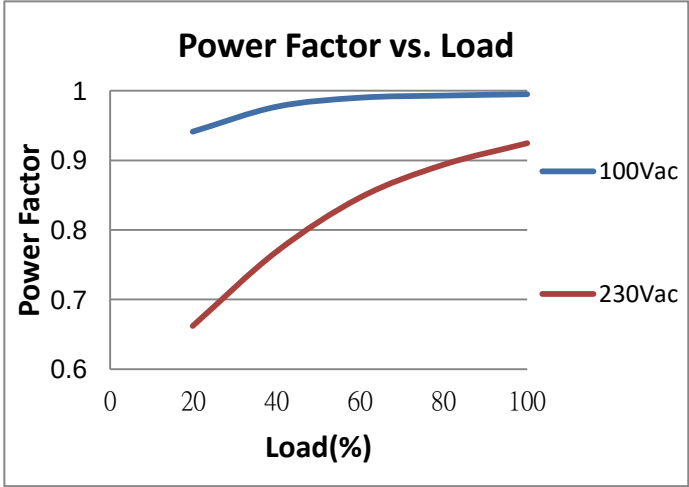
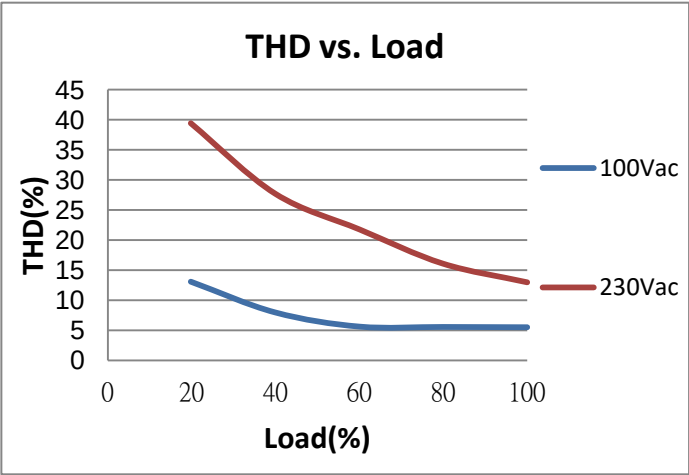


Item		Value	Remark
Input	Nominal voltage	100 - 240 V	
	Nominal frequency	50 - 60 Hz	
	AC voltage range	90 - 264 V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current	60 / 30 mA	Full load @100/230VAC
	Total Harmonic Distortion (THD)	< 20 %	Full load @100/230VAC
	Power factor	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	
Output	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
Dimming	PstLM	≤ 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	
Dimming	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	

Item		Value				Remark			
Environment	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
	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 ≤ 2.8W	>	50,000	h , t _c	65	°C @ t _a	60	°C	0.2 % / 1,000 h failure rate
Packing	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
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							
Cable information									
PRI									
Cable cross-section		0.5	-	1.5	□	/ AWG	20	-	16
Stripping		6-7 mm							
SEC									
Cable cross-section		0.5	-	1.5	□	/ AWG	20	-	16
Stripping		6-7 mm							
Terminal information									
PRI- Screw									
SEC Screw									

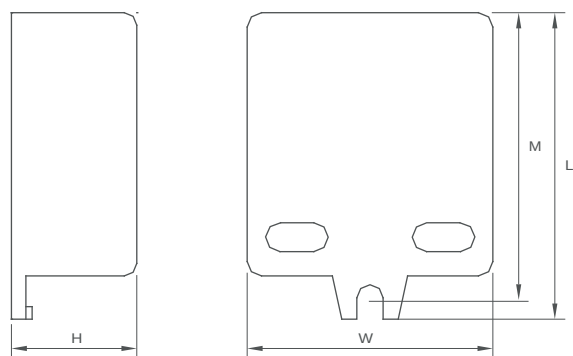
Subject to change without notice, HEP guarantees all products perform functionally well

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



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

