



Item	Value	Remark
Nominal voltage	120 - 277 V	
Nominal frequency	50 - 60 Hz	
AC voltage range	108 - 305 V	
DC voltage range (start)	NA	
DC voltage range (operation)	NA	
Nominal current	660 mA	
Total Harmonic Distortion (THD)	< 15 %	Full load @120/230VAC
Power factor	0.6-0.9 C	Full load @120/230VAC
Displacement factor	0.6-0.9 C	Full load @120/230VAC
Efficiency	86 % (Typ.)	Full load @120/230VAC
No-load power	NA	
Stand-by power	NA	
Networked standby power	NA	
Protection class	NA	
Inrush current	35 A / 50 us	Full load @230VAC
Max.units per circuit breaker	Type B , 10A MCB	6
	Type B , 16A MCB	10
	Type C , 10A MCB	8
	Type C , 16A MCB	12
Earth leakage current	NA	
Nominal voltage range		
1200mA	25 - 42 Vdc	
1400mA	25 - 42 Vdc	
1500mA	25 - 40 Vdc	
Maximum voltage	60 Vdc	
Nominal current range	1200 - 1500 mA	Adjusted via Dip switch Factory default 1200mA
Current accuracy	± 5 %	Full load @120/230VAC
Typical output LF current ripple	± 5 %	Low Frequency < 120Hz Full load @230VAC
SVM	≤ 0.4	Full load @120/230VAC
PstLM	≤ 1	Full load @120/230VAC
Starting time	< 0.5 S	Full load @230VAC
	< 0.75 S	Full load @120VAC
Nominal power range	30 - 60 W	
Maximum power	60 W	
Color tuning range	NA	
Dimming control	NA	
Dimming range	NA	
Lowest dimming current	NA	
Dimming technique	NA	
PWM frequency	NA	
Galvanic isolation	NA	
Ambient temperature range t_a	- 20 °C - + 50 °C	
Maximum case temperature t_c	90 °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

Item	Value		Remark
Storage temperature range	- 40 °C	+ 85 °C	
Relative humidity	10 %	95 %	
Environment			
Surge transient protection	1 kV		L/N
Environmental rating	Indoor		
IP rating	IP20		
Mains switching cycles	> 100,000		
Expected lifetime			
Full load 50.4W-60W	> 50,000 h, tc	90 °C @ ta 50 °C	0.2 % / 1,000 h failure rate
Output load ≤ 43W	> 39,000 h, tc	90 °C @ ta 60 °C	0.26 % / 1,000 h failure rate
Built-in			
Gross weight/box	18.7 kg		
Net weight/box	17.7 kg		
Pcs/box	54 PCS		
Packing			
Dimension/box	385 (L) *	310 (W) * 260 (H) mm	
Independent			
Gross weight/box	17.4 kg		
Net weight/box	16.4 kg		
Pcs/box	48 PCS		
Dimension/box	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 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 Connection			
Cable cross-section	0.5 - 1.5	□ / AWG 20 - 16	
Stripping	9 mm		
SEC Connection			
Cable cross-section	0.5 - 1.5	□ / AWG 20 - 16	
Stripping	9 mm		
Terminal			
PRI-	Push button/Angled Entry		
SEC-	Push button/Angled Entry		

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 120/230VAC input (for 120-277 VAC input).

Electrical Values

Output Current (mA)	Output Voltage Range (V)	Output Power Range (W)
1500	25-40	37.5-60.0
1400	25-42	35.0-58.8
1200	25-42	30.0-50.4



