



	Item	Value	Remark
Input	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	430 mA	
	Total Harmonic Distortion (THD)	< 10 %	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		13 A / 25 us
		Type B , 10A MCB	9
		Type B , 16A MCB	15
Max.units per circuit breaker		Type C , 10A MCB	12
		Type C , 16A MCB	19
Earth leakage current	NA		
Output	Nominal voltage range	10 - 48 Vdc	
	Maximum voltage	60 Vdc	
	Nominal current range	700 - 1000 mA	Adjusted via Dip switch Factory default 700mA
	Current accuracy	± 5 %	Full load @120/230VAC
	Typical output LF current ripple	± 5 %	Low Frequency< 120Hz Full load @120/230VAC
	SVM	≤ 0.4	Full load @120/230VAC
	P _{sl} LM	≤ 1	Full load @120/230VAC
	Starting time	< 0.5 S	Full load @230VAC
		< 0.75 S	Full load @120VAC
	Nominal power range	7.0 - 40 W	
Maximum power	40 W		
Color tuning range	NA		
Dimming	Dimming control	1-10V	
	Dimming range	1-100%	1-10V
	Lowest dimming current	0.5-2.0%	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Galvanic isolation	Basic insulated to PRI and supplementary insulated to SEC	
	Ambient temperature range t _a	- 20 °C - + 50 °C	
Maximum case temperature t _c	85 °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	
Environment	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	Full load 36W-40W	> 50,000 h, t _c 85 °C @ t _a 50 °C	0.2 % / 1,000 h failure rate
	Output load ≤ 36W	> 48,000 h, t _c 85 °C @ t _a 60 °C	0.21 % / 1,000 h failure rate

Built-in	
Gross weight/box	19.4 kg
Net weight/box	18.4 kg
Pcs/box	54 PCS
Dimension/box	385 (L) * 310 (W) * 260 (H) mm
Independent	
Gross weight/box	17.8 kg
Net weight/box	16.8 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

PRI Connection	
Cable cross-section	0.5 - 1.5 <input type="checkbox"/> / AWG 20 - 16
Stripping	9 mm
SEC Connection	
Cable cross-section	0.5 - 1.5 <input type="checkbox"/> / AWG 20 - 16
Stripping	9 mm
1-10V Connection	
Cable cross-section	0.5 - 1.5 <input type="checkbox"/> / AWG 20 - 16
Stripping	9 mm

Terminal	PRI-	Push button/Angled Entry
	SEC-	Push button/Angled Entry
	1-10V-	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)
1000	10-40	10.0-40.0
900	10-44	9.0-39.6
800	10-48	8.0-38.4
700	10-48	7.0-33.6



