



### Approval Marks



	Item	Value	Remark
Input	Nominal voltage	220–240V	
	Nominal frequency	50/60Hz	
	AC voltage range	198–264V	
	DC voltage range (start)	N/A	
	DC voltage range (operation)	N/A	
	Nominal current	220mA	Full load @230VAC
	Total Harmonic Distortion (THD)	<15%	Full load @230VAC
	Power factor	0.9C	Full load @230VAC
	Displacement factor	0.9C	Full load @230VAC
	Efficiency	89% (Typ.)	Full load @230VAC
	No-load power	N/A	
	Stand-by power	N/A	
	Protection class	II	Suitable for class II luminaires
Inrush current	9 A / 15 $\mu$ s	Full load @230VAC	
Earth leakage current	NA		
Output	Nominal voltage range	25-40Vdc	
	Maximum voltage	55Vdc	
	Nominal current range	1000mA	
	Current accuracy	$\pm$ 5%	
	Typical output LF current ripple	$\pm$ 5%	Low Frequency < 120Hz Full load @230VAC
	SVM	$\leq$ 0.4	Full load @230VAC
	PstLM	$\leq$ 1	Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range	25-40W	
	Maximum power	40W	
Environment	Ambient temperature range $t_a$	-20°C - +45°C	
	Maximum case temperature $t_c$	80°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 - +80°C	
	Relative humidity	10% - 85%	
Surge transient protection	1kV	L/N	

	Item	Value	Remark
<b>Environment</b>	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 25,000 h, tc 80 °C @ ta 45 °C > 50,000 h, tc 70 °C @ ta 35 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate

<b>Packing</b>	Gross weight/box	12.5 kg	
	Net weight/box	11.3 kg	
	Pcs/box	90 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, EN62493
SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13
EMC standard:	EN55015, EN61000-3-2, EN61000-3-3, EN61547
Performance:	EN62384

#### Cable information

##### PRI Connection

Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	9mm

##### SEC Connection

Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	9mm

#### Terminal information

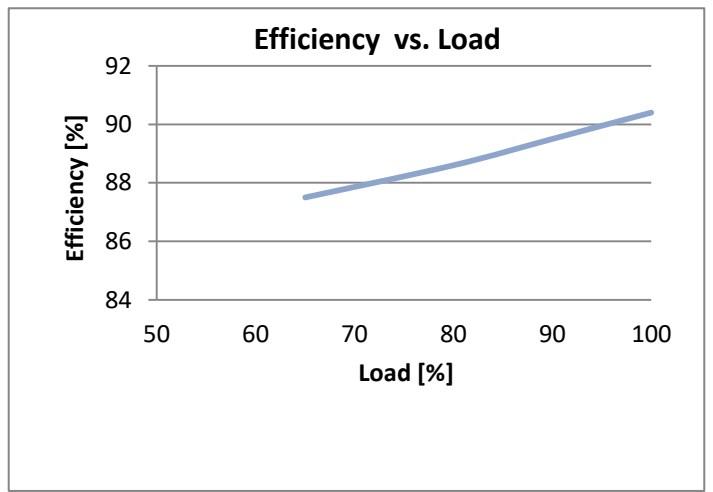
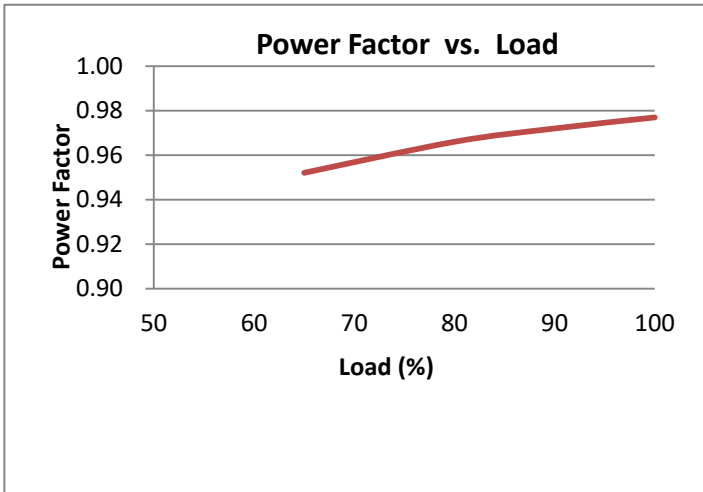
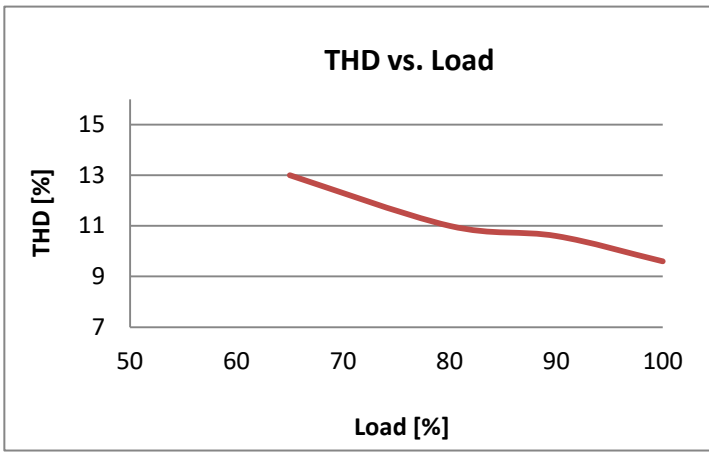
**PRI** Push button/Angled Entry

**SEC** Push button/Angled Entry

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

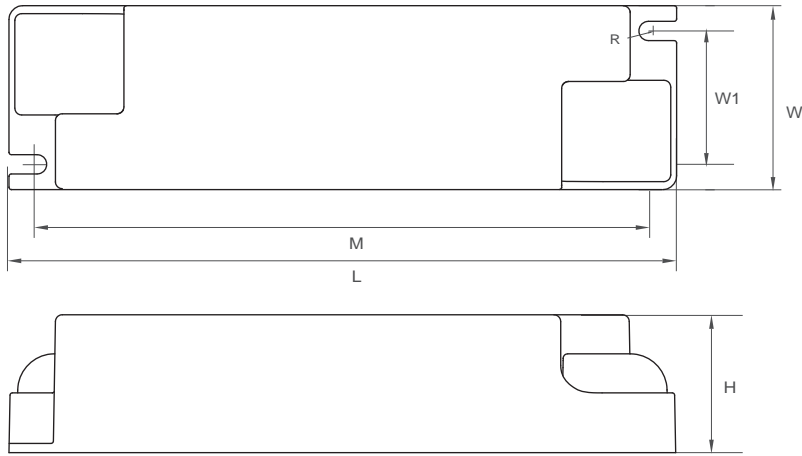
\* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

## Electrical Values



## Physical

### Parameter



L : 145 mm    W : 40 mm    H : 30 mm  
M : 132.8 mm    W1 : 29 mm    R : 2.1 mm

Slot On One Side Allowing Alignment :  $M \pm 3$  mm  
Tolerance :  $\pm 1$  mm , R :  $\pm 0.5$  mm  
Housing Material : Polycarbonate  
Soldering : Lead-Free, Comply With RoHS  
Label : Surface Print

## Wiring Diagram

