

Approval Marks



	Item	Value	Remark
Input	Nominal voltage	220–240V	
	Nominal frequency	50–60Hz	
	AC voltage range	198–264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current	720mA	Full load @230VAC
	Total Harmonic Distortion (THD)	< 10%	Full load @230VAC
	Power factor	0.95	Full load @230VAC
	Displacement factor	0.95	Full load @230VAC
	Efficiency	91% (Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	< 0.5W	
	Networked standby power	NA	
	Protection class	II	Suitable for class II luminaires
	Inrush current	78A / 250us	
Earth leakage current	NA		
Output	Nominal voltage range	24Vdc	
	Maximum voltage	25Vdc	
	Voltage accuracy	± 2.5%	Full load @230VAC
	Output LF voltage ripple	± 3%	< 120Hz
	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range	5-150W	
	Nominal current range	200-6250mA	
	Maximum current	6250mA	
	Maximum power	150W	
Dimming	Dimming control	DALI/Touch Dim	
	Dimming range	1-100%	
	Lowest dimming current	NA	
	Dimming technique	PWM	
	PWM frequency	2KHz	
Galvanic isolation	Basic insulated to PRI and double insulated to SEC		

	Item	Value	Remark
Environment	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
	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	> 50,000 h, t_c 90 °C @ t_a 50 °C > 100000 h, t_c 80 °C @ t_a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate

Packing	Gross weight/box	17.8 kg	
	Net weight/box	16.5 kg	
	Pcs/box	30 pcs	
	Dimension/box	490(L)*270(W)*225(H)mm	

Protections

Short- & open circuit proof, Auto. Overload protection

Conformity & Standards

Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493
Performance:	EN 62384
SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13
EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
DALI protocol standard:	EN 62386-101, EN 62386-102, EN 62386-207

Cable information

PRI Connection

Cable cross-section	0.75-2.5□/AWG 18-14
Stripping	9mm

Sec Connection

Cable cross-section	0.75-2.5□/AWG 18-14
Stripping	9mm

DALI

Cable cross-section	0.75-2.5□/AWG 18-14
Stripping	9mm

Terminal information

PRI Screwless Type

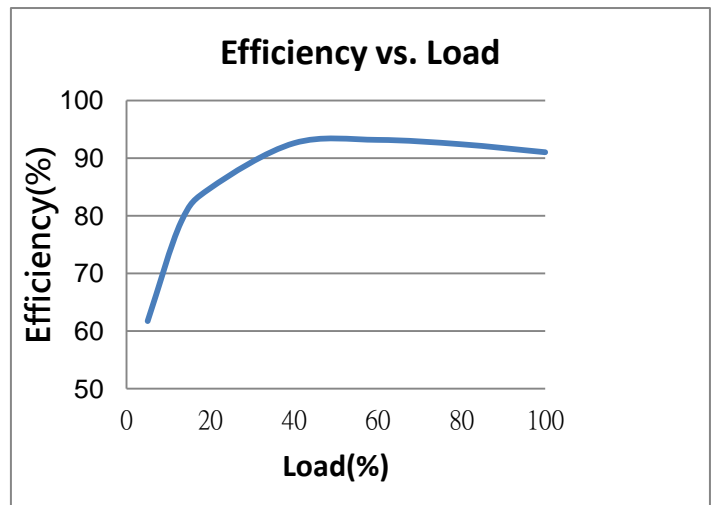
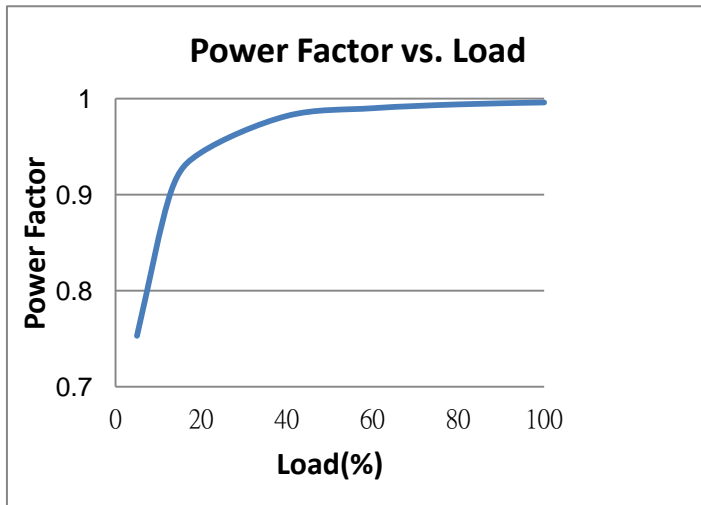
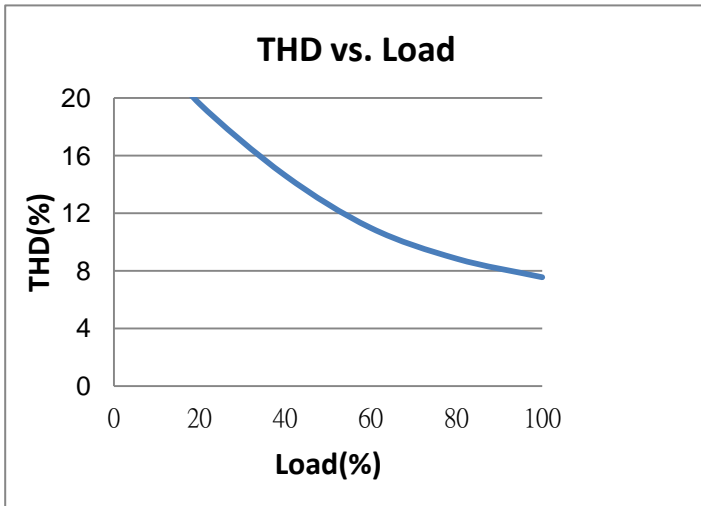
SEC Screwless Type

DALI Screwless Type

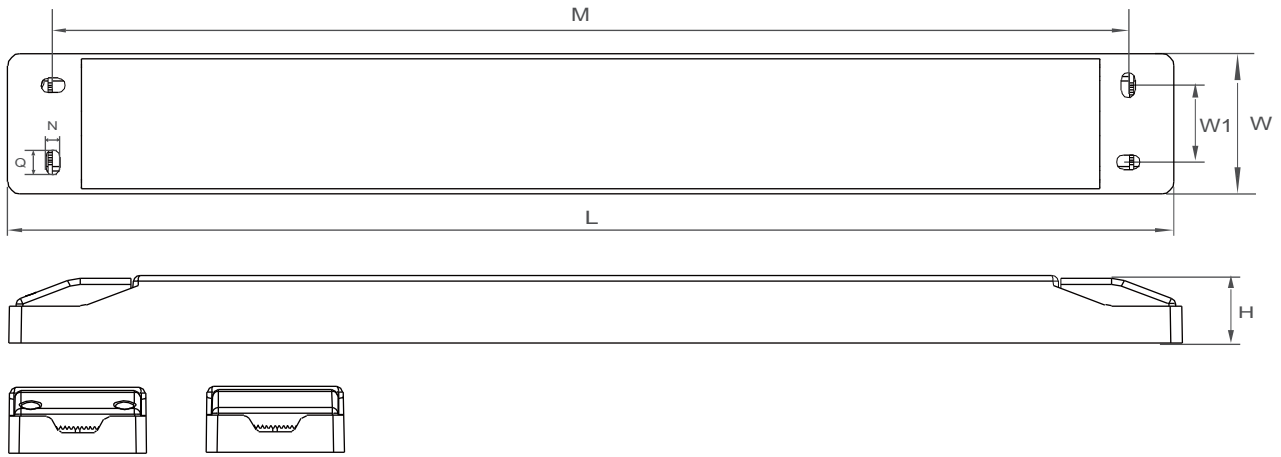
Subject to change without notice, HEP guarantees all products perform functionally well

* 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 : 425 mm M : 398 mm H : 21 mm W : 45 mm
 W1: 22 mm N : 4.2 mm Q : 7.2 mm

Slot On One Side Allowing Alignment : M+/-3 mm

Tolerance : +/-1 mm

Housing Material : Polycarbonate

Soldering : Lead - Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

