

Approval Marks



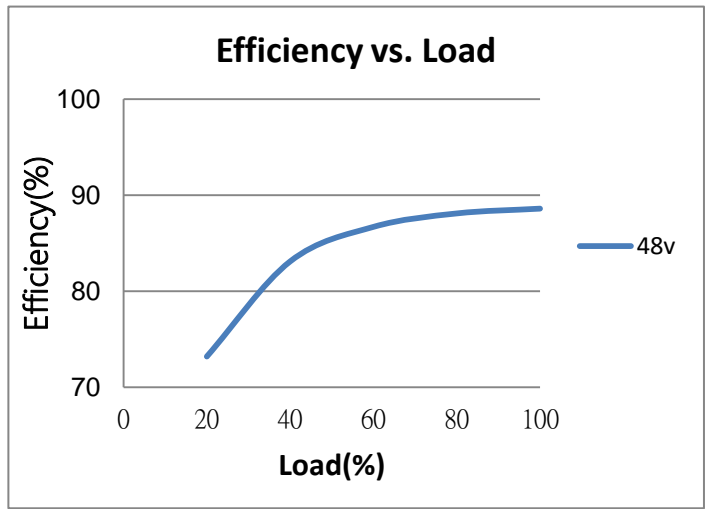
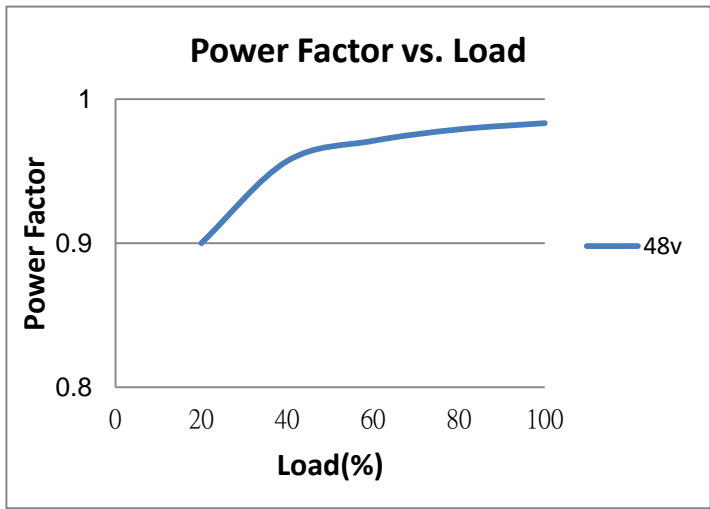
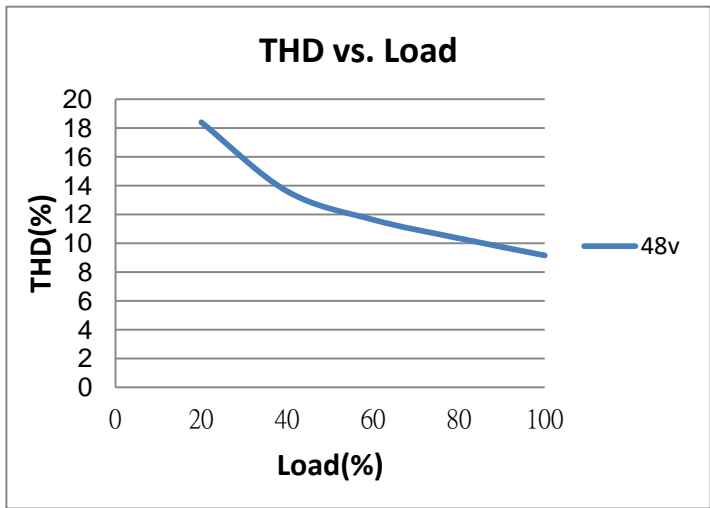
Item	Value	Remark
Nominal voltage	220–240V	
Nominal frequency	50–60Hz	
AC voltage range	198–264V	
DC voltage range (start)	NA	
DC voltage range (operation)	NA	
Nominal current	310mA	Full load @230VAC
Total Harmonic Distortion (THD)	< 12%	Full load @230VAC
Power factor	0.1C-0.95	Full load @230VAC
Displacement factor	0.1C-0.95	Full load @230VAC
Efficiency	88%(Typ.)	Full load @230VAC
No-load power	NA	
Stand-by power	NA	
Protection class	II	Suitable for class II luminaires
Inrush current	30A / 250us	
Max.units per circuit breaker	Type B , 10A MCB	12
	Type B , 16A MCB	19
	Type C , 10A MCB	16
	Type C , 16A MCB	26
Earth leakage current	NA	
Nominal voltage	48Vdc	
Maximum voltage	49Vdc	
voltage accuracy	± 2.5%	Full load @230VAC
Output LF voltage ripple	±3%	(<120Hz)
SVM	≤ 0.4	Full load @230VAC
P _{stLM}	≤ 1	Full load @230VAC
Starting time	< 0.5 S	Full load @230VAC
Nominal current range	0-1250mA	
Nominal power range	0-60W	
Maximum current	1250mA	
Maximum power	60W	

	Item	Value	Remark
Dimming	Dimming control	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t_a	-20°C - +45°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 - +90°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 45 °C	0.2 % / 1,000 h failure rate
		> 100000 h, t_c 80 °C @ t_a 35 °C	0.1 % / 1,000 h failure rate
Packing	Gross weight/box	7.0 kg	
	Net weight/box	6.2 kg	
	Pcs/box	25 PCS	
	Dimension/box	240(L)*190(W)*185(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	0.75-1.5□/AWG 18-16		
Stripping	9mm		
Pull test cable type	H03VV(H2)-F 2x0,75-1,0 mm ²		
SEC			
Cable cross-section	0.75-1.5□/AWG 18-16		
Stripping	9mm		
Terminal information			
PRI -Push button			
SEC -Push button			

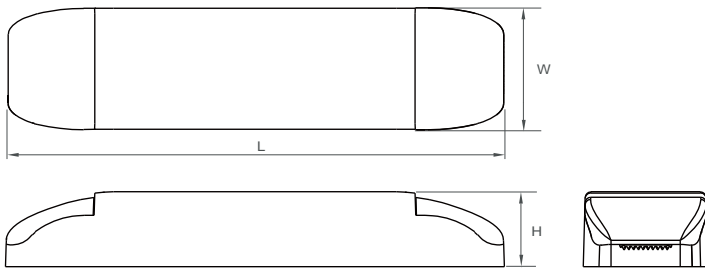
* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

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

*Output side don't support on products of PWM dimming control.



**Physical
Parameter**



L : 180 mm H : 27 mm
 W : 45 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

