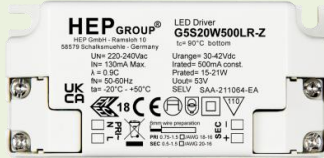


### Approval Marks



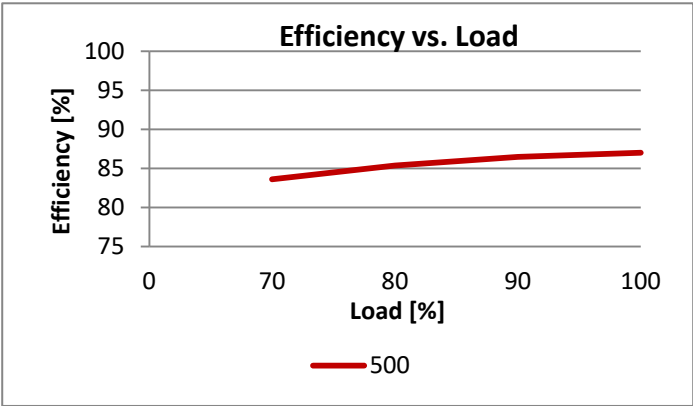
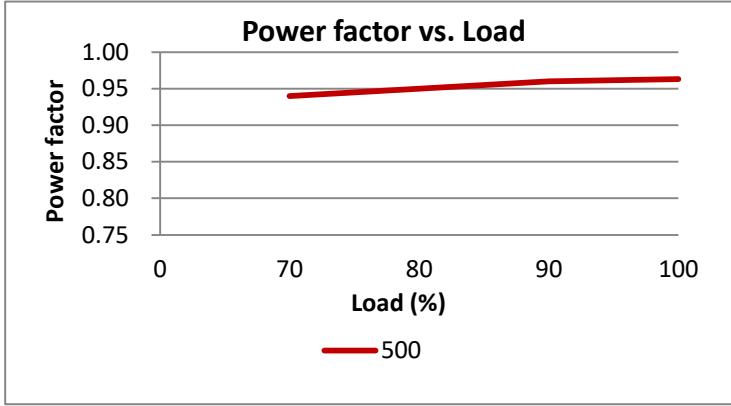
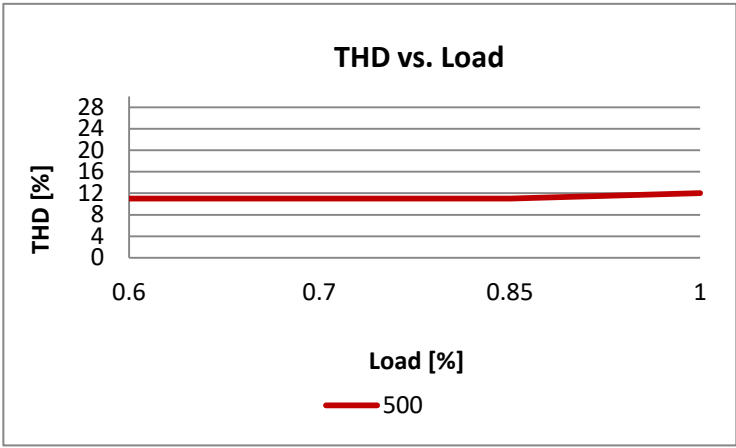
Item	Value	Remark
Nominal voltage	220–240V	
Nominal frequency	0 / 50–60Hz	
AC voltage range	198–264V	
DC voltage range (start)	NA	
DC voltage range (operation)	NA	
Maximum voltage	264VAC	
Nominal current	130mA	
Total Harmonic Distortion (THD)	< 15%	Full load @230VAC
Power factor	0.9C	Full load @230VAC
Displacement factor	0.9C	Full load @230VAC
Efficiency	86% (Typ.)	Full load @230VAC
No-load power	NA	
Stand-by power	NA	
Protection class	II	Suitable for class II luminaires
Inrush current	8.3A /140uS	Nominal
Max.units per circuit breaker	Type B , 10A MCB	31
	Type B , 16A MCB	49
	Type C , 10A MCB	38
	Type C , 16A MCB	62
Earth leakage current	NA	
Nominal voltage range	30-42 Vdc	
Maximum voltage	53Vdc	
Nominal current range	500mA	Full load @230VAC
Current accuracy	± 5%	Full load @230VAC
Typical output LF current ripple	± 4%	Low Frequency< 120Hz Full load @230VAC
Starting time	< 0.5 S	Full load @230VAC
SVM	≤ 0.4	Full load @230VAC
PstLM	≤ 1	Full load @230VAC
Nominal power range	15-21W	
Maximum power	21W	

	Item	Value	Remark
<b>Dimming</b>	Dimming control	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
<b>Environment</b>	Ambient temperature range $t_a$	-20°C - +50°C	
	Maximum case temperature $t_c$	90°C	Bottom
	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 - +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
<b>Packing</b>	Gross weight/box	kg	
	Net weight/box	kg	
	Pcs/box	100 pcs	
	Dimension/box	490(L)*270(W)*225(H)mm	
<b>Protections</b>			
Short- circuit protection	Auto recovery		
Open- circuit protection	Auto recovery		
Overload protection	Auto recovery		
<b>Conformity &amp; Standards</b>			
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		
SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13		
<b>Cable information</b>			
<b>PRI</b>			
Cable cross-section	0.75-1.5□/AWG 18-16		
Stripping	6mm		
Pull test cable type	H03VV(H2)-F 2x0,75-1,5 mm <sup>2</sup> , H05VV(H2)-F 2x0,75-1,5 mm <sup>2</sup>		
<b>SEC</b>			
Cable cross-section	0.5-1.5□/AWG 20-16		
Stripping	6mm		
<b>Terminal information</b>			
<b>PRI-Screw type</b>			
<b>SEC-Screw type</b>			

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

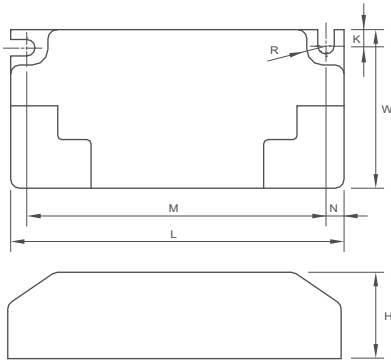
\*Subject to change without notice, HEP guarantees all products perform functionally well\*

**Electrical Values**



## Physical

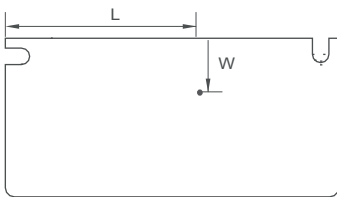
### Parameter



L : 85 mm	H : 22 mm
M : 76.4 mm	K : 4.0 mm
N : 4.6 mm	R : 2.1 mm
W : 40.4 mm	Slot On One Side Allowing Alignment : M $\pm$ 3 mm
Tolerance : $\geq 0 \sim 100 \geq \pm 0.5$ mm	
100 $\geq \pm 1$ mm	
Terminal Block	: PRI : Screw Type
	: SEC : Screw Type
Housing Material	: Polycarbonate
Soldering	: Lead-Free, Comply With RoHS
Label	: Surface Print

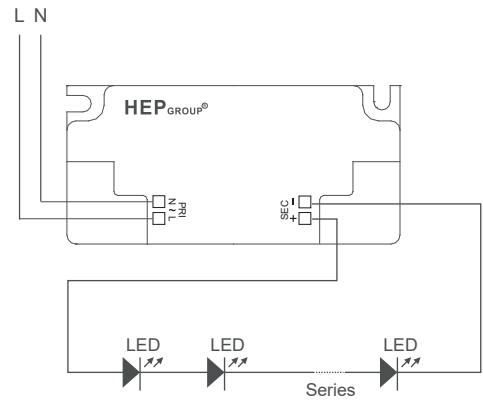
### Case temperature (tc-point)

#### On the bottom



L : 50 mm    W : 10 mm

## Wiring Diagram



The length of wire from output to luminaire should be less than 2M