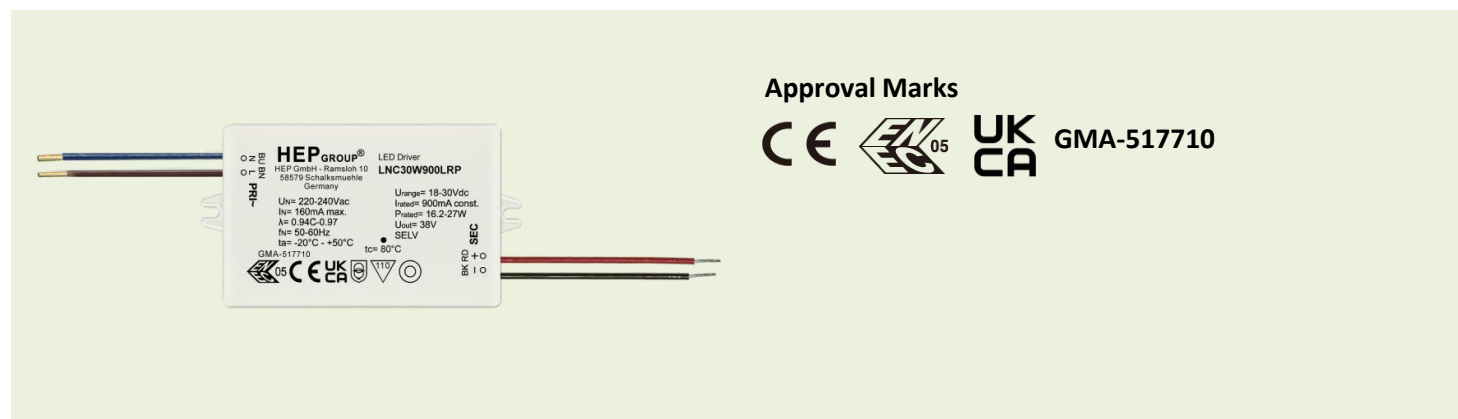




Item		Value	Remark
Input	Nominal voltage	220–240V	
	Nominal frequency	50–60Hz	
	AC voltage range	198–264V	
	DC voltage range (start)	NA	
	DC voltage range (operation)	NA	
	Nominal current		
	LNC30W550LRP	140mA	
	LNC30W400/800LRP	145mA	
	LNC30W600LRP	150mA	
	LNC30W900LRP	160mA	
	LNC30W450LRP	165mA	
	LNC30W700LRP	175mA	
	LNC30W500/1000LRP	180mA	
	Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
	Power factor	0.94C-0.97	Min-load @ 240Vac and Full-load @ 220 Vac
	Displacement factor	0.94C-0.97	Min-load @ 240Vac and Full-load @ 220 Vac
	Efficiency	85%(Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	NA	
	Inrush current	6 A / 35 µs	
Output	Max.units per circuit breaker	Type B , 10A MCB	22
		Type B , 16A MCB	36
		Type C , 10A MCB	28
		Type C , 16A MCB	44
	Earth leakage current	NA	
	Nominal voltage range		
	LNC30W400/450/500LRP	36-60Vdc	
Output	LNC30W550/600/700LRP	25-42Vdc	
	LNC30W800/900/1000LRP	18-30Vdc	
	Maximum voltage		
	LNC30W400/450/500LRP	70Vdc	

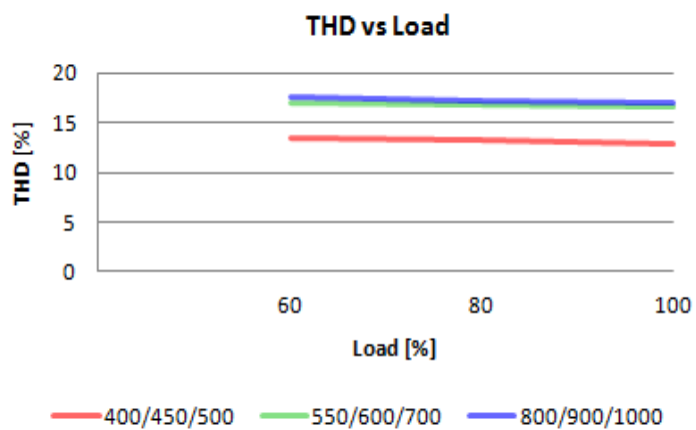
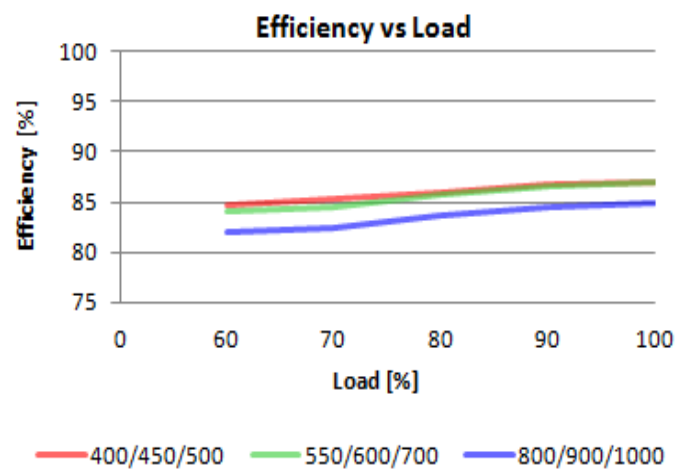
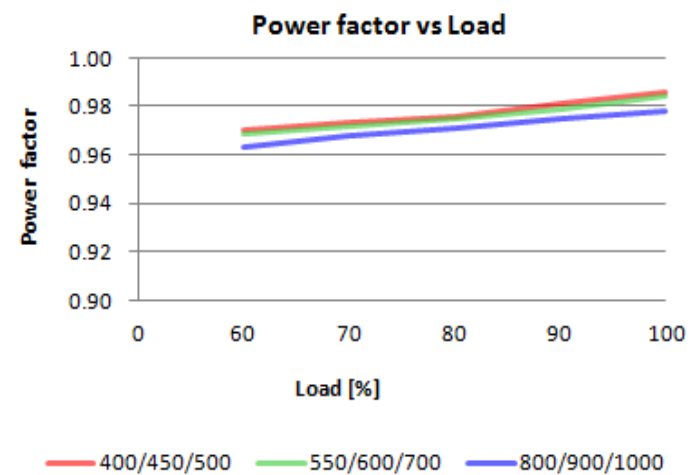
	Item	Value	Remark
Output	LNC30W550/600/700LRP	50Vdc	
	LNC30W800/900/1000LRP	38Vdc	
	Nominal current range		
	LNC30W400LRP	400mA	
	LNC30W450LRP	450mA	
	LNC30W500LRP	500mA	
	LNC30W550LRP	550mA	
	LNC30W600LRP	600mA	
	LNC30W700LRP	700mA	
	LNC30W800LRP	800mA	
	LNC30W900LRP	900mA	
	LNC30W1000LRP	1000mA	
	Current accuracy		
	LNC30W400LRP	± 6%	
	LNC30W450/500/550/600LRP	± 5%	
	LNC30W700/800/900/1000LRP	± 5%	
	Typical output LF current ripple	± 5%	Low Frequency<120Hz Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range		
	LNC30W400LRP	14.4-24.0W	
	LNC30W450LRP	16.2-27.0W	
	LNC30W500LRP	18.0-30.0W	
	LNC30W550LRP	13.8-23.1W	
	LNC30W600LRP	15.0-25.2W	
	LNC30W700LRP	17.5-29.4W	
	LNC30W800LRP	14.4-24.0W	
	LNC30W900LRP	16.2-27.0W	
	LNC30W1000LRP	18.0-30.0W	
Dimming	Maximum power	30W	
	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 - +50°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 - +85°C	
	Relative humidity	10%- 85%	
	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 80 °C @ t _a 50 °C > 80,000 h, t _c 70 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate

Packing	Gross weight/Carton		11.2 kg
	Net weight/Carton		10.3 kg
	Pcs/Carton		64 PCS
	Dimension/Carton		415(L)*255(W)*240(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	
SAA standard:		AS/NZS 61347.1, AS/NZS IEC 61347.2.13	
Cable information			
PRI	Connection	L	N
	Color	Brown	Blue
	Wire type	7022	7022
	Wire diameter	AWG18	AWG18
	Wire length	135mm	135mm
	Stripping	6mm	6mm
	Tolerance	±5mm	±5mm
Sec	Connection	+	-
	Color	Red	Black
	Wire type	3385	3385
	Wire diameter	AWG22	AWG22
	Wire length	135mm	135mm
	Strip length	6mm	6mm
	Tolerance	±5mm	±5mm

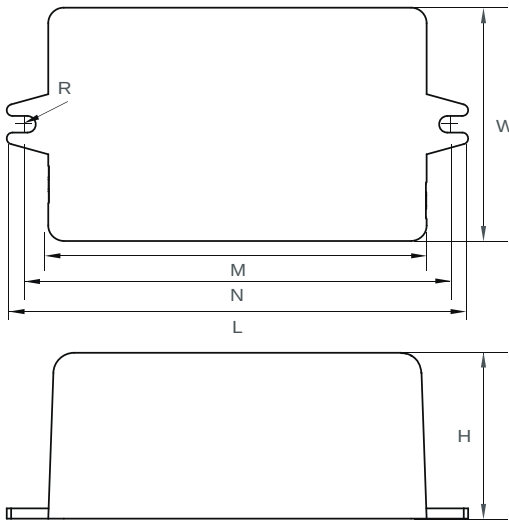
Subject to change without notice, HEP guarantees all products perform functionally well

*If not mentioned, all the test conditions are based on+B157 full load at 230VAC input (for 220-240 VAC input).

Electrical Values



Physical
Parameter



L : 89 mm N : 81 mm H : 32 mm
M : 73 mm W : 45 mm R : 1.6 mm

Tolerance : +/-1 mm , R : +/-0.5 mm

Housing Material : Polycarbonate
Soldering Lead-Free, Comply With RoHS
Label Surface Print

Wiring Diagram

