



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			
LNC10W200LR	40mA		
LNC10W400/550LR	55mA		
LNC10W300/450/600LR	60mA		
LNC10W350/500/700LR	65mA		
Total Harmonic Distortion (THD)	< 20%	Full load @230VAC	
Power factor	0.93C-0.97	Full load @230VAC	
Displacement factor	0.93C-0.97	Full load @230VAC	
Input	Efficiency		
	LNC10W200/400LR	76%(Typ.)	Full load @230VAC
	LNC10W300/450LR	78%(Typ.)	Full load @230VAC
	LNC10W350/500LR	80%(Typ.)	Full load @230VAC
	LNC10W550LR	73%(Typ.)	Full load @230VAC
	LNC10W600LR	75%(Typ.)	Full load @230VAC
	LNC10W700LR	77%(Typ.)	Full load @230VAC
	No-load power	NA	
Stand-by power	NA		
Protection class	NA		
Inrush current	10 A / 40 μs		
Max.units per circuit breaker	Type B , 10A MCB	62	
	Type B , 16A MCB	98	
	Type C , 10A MCB	77	
	Type C , 16A MCB	123	
Earth leakage current	NA		
Output	Nominal voltage range		
	LNC10W200/300/350LR	16-29Vdc	
	LNC10W400/450/500LR	11-20Vdc	
	LNC10W550/600/700LR	8-14Vdc	

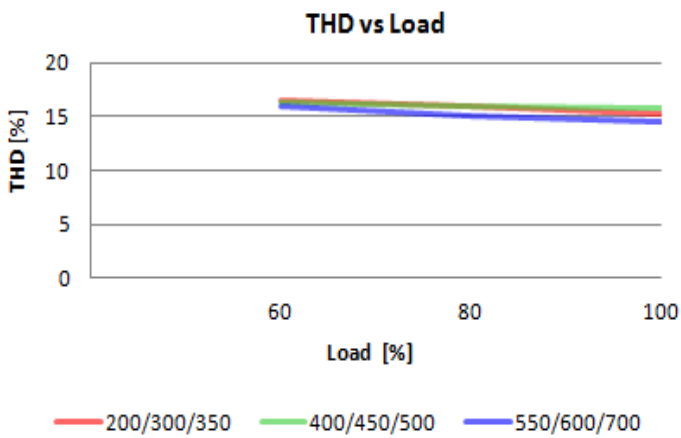
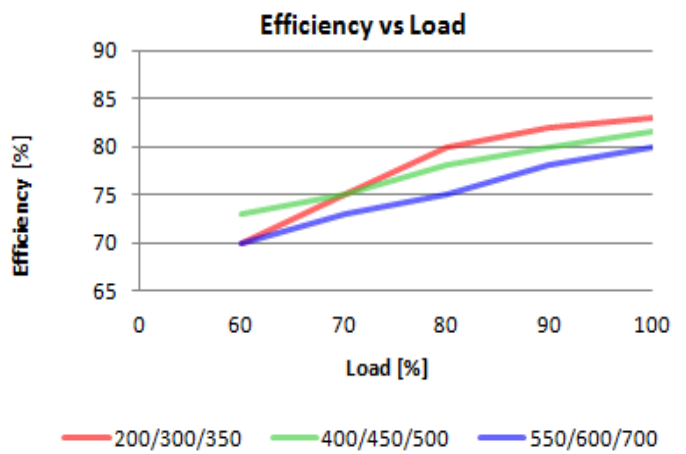
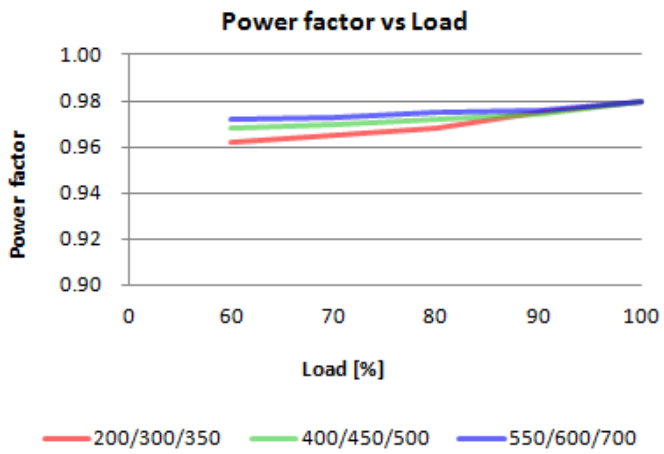
	Item	Value	Remark
	Maximum voltage		
	LNC10W200/300/350LR	35Vdc	
	LNC10W400/450/500LR	26Vdc	
	LNC10W550/600/700LR	20Vdc	
	Nominal current range		
	LNC10W200LR	200mA	
	LNC10W300LR	300mA	
	LNC10W350LR	350mA	
	LNC10W400LR	400mA	
	LNC10W450LR	450mA	
	LNC10W500LR	500mA	
	LNC10W550LR	550mA	
	LNC10W600LR	600mA	
	LNC10W700LR	700mA	
Output	Current accuracy		
	LNC10W200LR	± 10%	
	LNC10W300LR	± 6%	
	LNC10W350/400/450LR	± 5%	
	LNC500/550/600/700LR	± 5%	
	Typical output LF current ripple	± 5%	Low Frequency<120Hz Full load @230VAC
	Nominal power range		
	LNC10W200LR	3.2-5.8W	
	LNC10W300LR	4.8-8.7W	
	LNC10W350LR	5.6-10.1W	
	LNC10W400LR	4.4-8W	
	LNC10W450LR	5-9W	
	LNC10W500LR	5.5-10W	
	LNC10W550LR	4.4-7.7W	
	LNC10W600LR	4.8-8.4W	
	LNC10W700LR	5.6-9.8W	
	Maximum power	10W	
Dimming	Dimming control	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
	Ambient temperature range t_a	-20°C - +50°C	
Environment	Maximum case temperature t_c		
	LNC10W200/300/350LR	65°C	
	LNC10W550/600/700LR	65°C	
	LNC10W400/450/500LR	70°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	

	Item	Value	Remark
Environment	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, tc 65 °C @ ta 50 °C > 80,000 h, tc 55 °C @ ta 40 °C	> 50,000 h, tc 70 °C @ ta 50 °C > 80,000 h, tc 60 °C @ ta 40 °C
Packing	Gross weight/Carton	6.3 Kg	
	Net weight/Carton	5.2 Kg	
	Pcs/Carton	96 PCS	
	Dimension/Carton	395(L)*350(W)*215(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	138mm	140mm
	Stripping	6mm	6mm
Sec	Connection	+	-
	Color	Red	Black
	Wire type	1332	1332
	Wire diameter	AWG22	AWG22
	Wire length	141mm	141mm
	Strip length	6mm	6mm

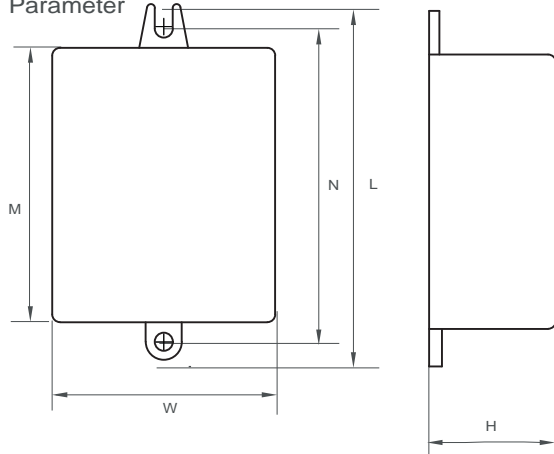
Subject to change without notice, HEP guarantees all products perform functionally well

* 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 : 69.3 mm W: 43.5 mm
M : 53.5 mm H : 24.6 mm
N : 61 mm

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

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

Wiring Diagram

