



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			
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	Min-load @ 240Vac and Full-load @ 220 Vac
Displacement factor		0.93C-0.97	Min-load @ 240Vac and Full-load @ 220 Vac
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	

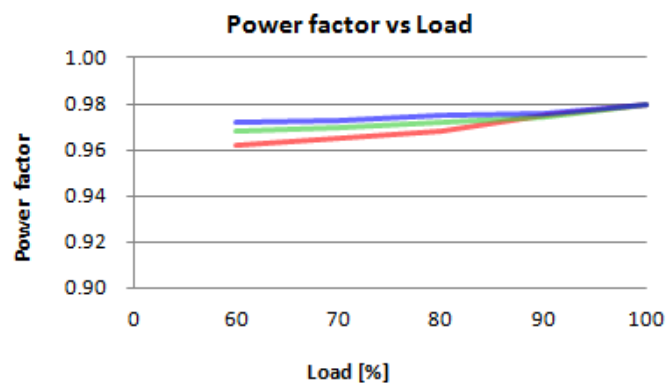
	Item	Value	Remark
Output	Maximum voltage		
	LNC10W200/300/350LR	35Vdc	
	LNC10W400/450/500LR	26Vdc	
	LNC10W550/600/700LR	20Vdc	
	Nominal current range		
	LNC10W200LR	200mA	
	LNC10W300LR	300mA	
	LNC10W350LR	350mA	
	LNC10W400LR	400mA	
	LNC10W450LR	450mA	
	LNC10W500LR	500mA	
	LNC10W550LR	550mA	
	LNC10W600LR	600mA	
	LNC10W700LR	700mA	
	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		
Dimming	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	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	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
	Environmental rating		Indoor
	IP rating		IP20
	Mains switching cycles		> 100,000
	Expected lifetime	> 50,000 h, tc 65 °C @ ta 50 ° C	> 50,000 h, tc 70 °C @ ta 50 ° 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	3385	3385
	Wire diameter	AWG22	AWG22
	Wire length	141mm	141mm
	Strip length	6mm	6mm

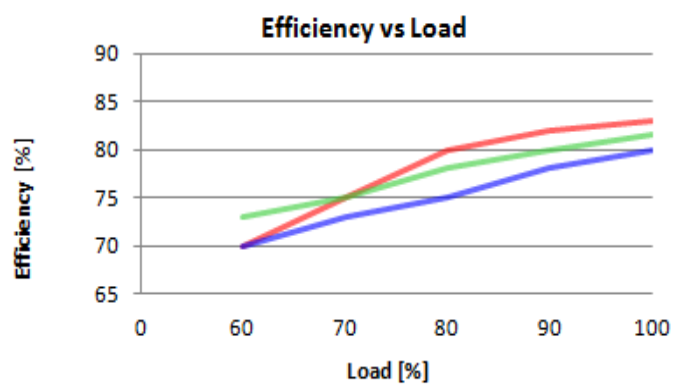
Subject to change without notice, HEP guarantees all products perform functionally well

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

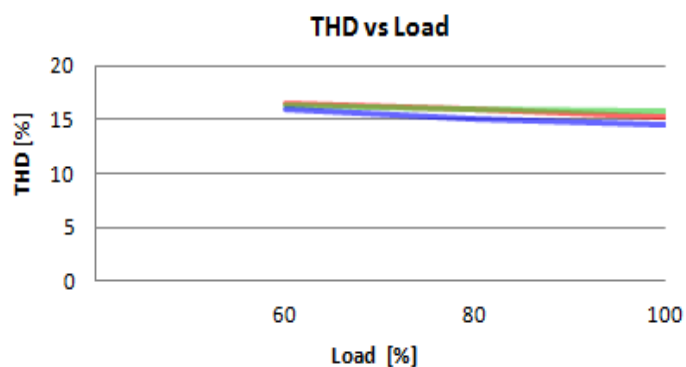
Electrical Values



200/300/350 400/450/500 550/600/700

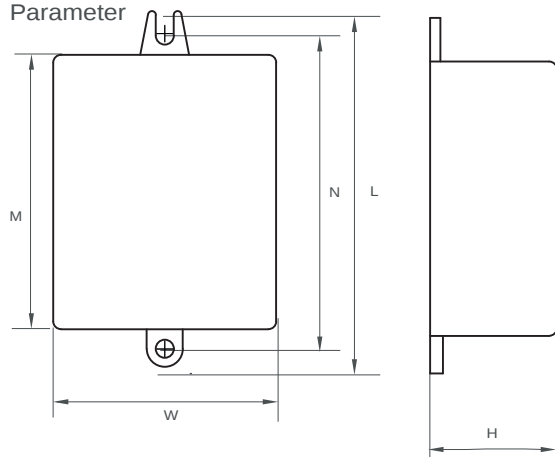


200/300/350 400/450/500 550/600/700



200/300/350 400/450/500 550/600/700

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

