



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		
	LNC40W500LRP	170mA	
	LNC40W600LRP	205mA	
	LNC40W800/1000LRP	215mA	
	LNC40W850LRP	225mA	
	LNC40W700/900LRP	240mA	
	Total Harmonic Distortion (THD)	< 25%	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
	Efficiency	85%(Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	NA	
	Inrush current	6.5 A / 35 µs	
Output	Max.units per circuit breaker	Type B , 10A MCB	17
		Type B , 16A MCB	27
		Type C , 10A MCB	21
		Type C , 16A MCB	33
	Earth leakage current	NA	
	Nominal voltage range		
	LNC40W500/600/700LRP	35-57Vdc	
	LNC40W800/850/900LRP	26-44Vdc	
	LNC40W950/1000/1050LRP	22-38Vdc	
	Maximum voltage		
	LNC40W500/600/700LRP	63Vdc	
	LNC40W800/850/900LRP	50Vdc	
	LNC40W950/1000/1050LRP	45Vdc	

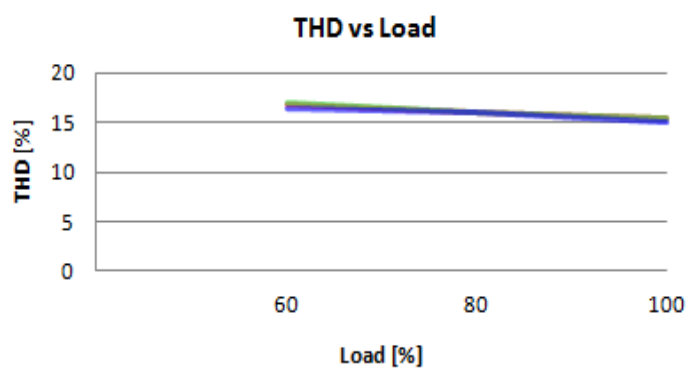
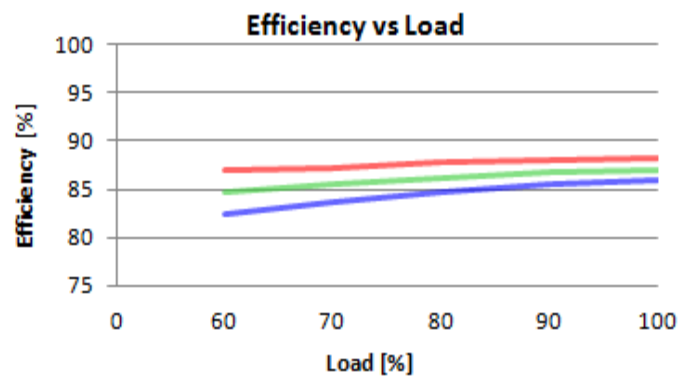
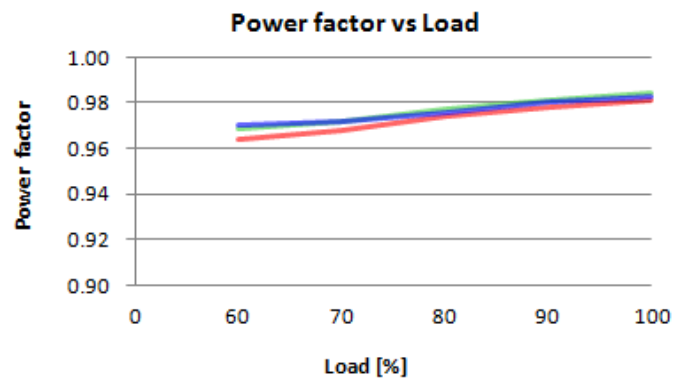
	Item	Value	Remark
	Nominal current range		
	LNC40W500LRP	500mA	
	LNC40W600LRP	600mA	
	LNC40W700LRP	700mA	
	LNC40W800LRP	800mA	
	LNC40W850LRP	850mA	
	LNC40W900LRP	900mA	
	LNC40W950LRP	950mA	
	LNC40W1000LRP	1000mA	
	LNC40W1050LRP	1050mA	
Output	Current accuracy	± 5%	
	Typical output LF current ripple	± 5%	Low Frequency<120Hz Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range		
	LNC40W500LRP	17.5-28.5W	
	LNC40W600LRP	21.0-34.2W	
	LNC40W700LRP	24.5-39.9W	
	LNC40W800LRP	20.8-35.2W	
	LNC40W850LRP	22.1-37.4W	
	LNC40W900LRP	23.4-39.6W	
	LNC40W950LRP	20.9-36.1W	
	LNC40W1000LRP	22.0-38.0W	
	LNC40W1050LRP	23.1-39.9W	
	Maximum power	40W	
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	110°C	When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
	LNC40W500/600/700LRP	80°C	
	LNC40W800/850/900LRP	85°C	
	LNC40W950/1000/1050LRP	85°C	
	Max. case temp. in fault condition	NA	
	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, tc 80 °C @ ta 50 °C > 80,000 h, tc 70 °C @ ta 40 °C	> 50,000 h, tc 85 °C @ ta 50 °C > 80,000 h, tc 75 °C @ ta 40 °C 0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/Carton	12.6 Kg	
	Net weight/Carton	11.5 Kg	
	Pcs/Carton	56 PCS	
	Dimension/Carton	490(L)*270(W)*225(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	134mm	134mm
Strip length	6mm	6mm
Tolerance	±5mm	±5mm

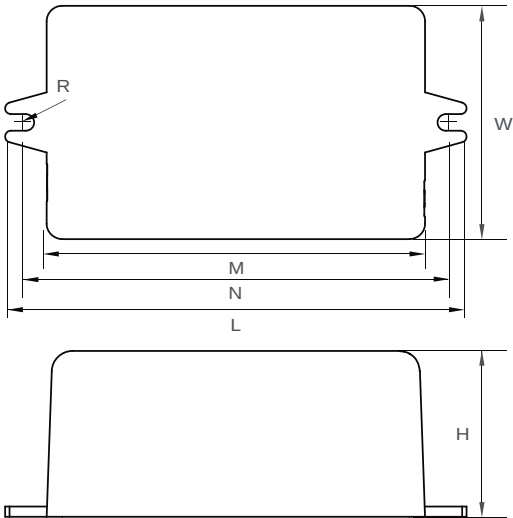
Subject to change without notice, HEP guarantees all products perform functionally well

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

Electrical Values



Physical
Parameter



L : 96 mm N : 88.2 mm H : 32 mm
M : 80 mm W : 55 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

