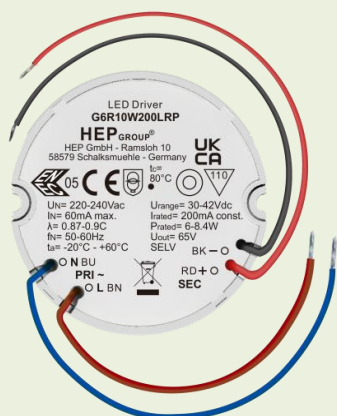




Approval Marks



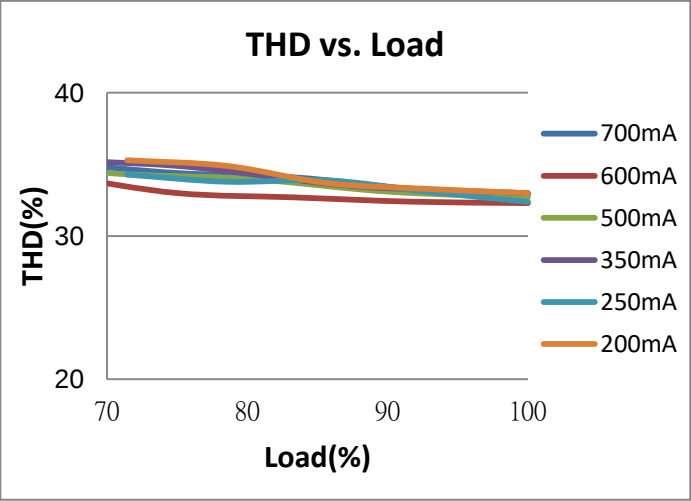
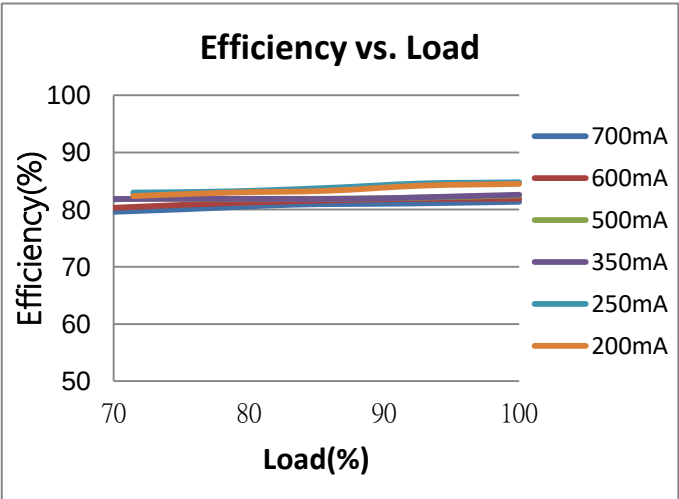
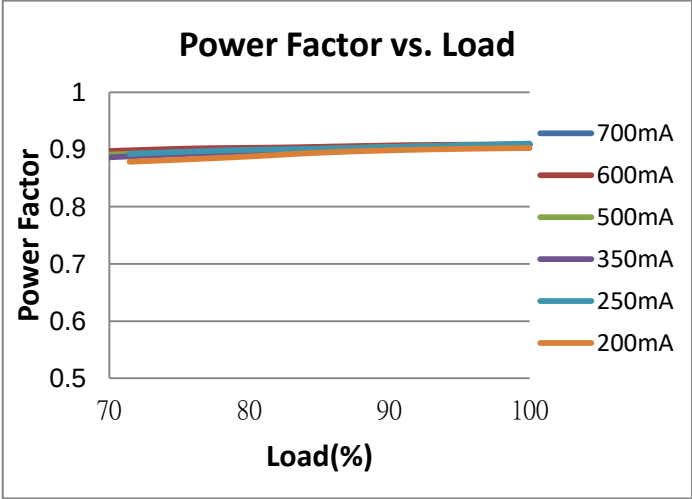
Item		Value	Remark
Nominal voltage		220–240V	
Nominal frequency		50–60Hz	
AC voltage range		198–264V	
DC voltage range (start)		NA	
DC voltage range (operation)		NA	
Nominal current			
G6R10W200LRP		60mA	
G6R10W350/500/700LRP		65mA	
G6R10W250/600LRP		70mA	
Total Harmonic Distortion (THD)		<70	Full load @230VAC
Power factor			Min-load @ 240Vac and Full-load @ 220 Vac
Input	G6R10W200/500/600LRP	0.87C-0.9C	
	G6R10W250LRP	0.87C-0.95	
	G6R10W350LRP	0.8C-0.9C	
	G6R10W700LRP	0.84C-0.9C	
	Displacement factor		Min-load @ 240Vac and Full-load @ 220 Vac
	G6R10W200/500/600LRP	0.87C-0.9C	
	G6R10W250LRP	0.87C-0.95	
	G6R10W350LRP	0.8C-0.9C	
	G6R10W700LRP	0.84C-0.9C	
Efficiency		81% (Typ.)	Full load @230VAC
No-load power		NA	
Stand-by power		NA	
Protection class		NA	
Inrush current		6A / 20us	
Max.units per circuit breaker		Type B , 10A MCB	57
		Type B , 16A MCB	91
		Type C , 10A MCB	71
		Type C , 16A MCB	114
Earth leakage current		NA	

	Item	Value	Remark
Output	Nominal voltage range		
	G6R10W200/250LRP	30-42Vdc	
	G6R10W350LRP	13-26Vdc	
	G6R10W500LRP	12-20Vdc	
	G6R10W600LRP	12-18Vdc	
	G6R10W700LRP	8.6-12.9Vdc	
	Maximum voltage		
	G6R10W200/250LRP	65Vdc	
	G6R10W350LRP	38Vdc	
	G6R10W500LRP	28Vdc	
	G6R10W600LRP	28Vdc	
	G6R10W700LRP	25Vdc	
	Nominal current range		
	G6R10W200LRP	200mA	
	G6R10W250LRP	250mA	
	G6R10W350LRP	350mA	
	G6R10W500LRP	500mA	
	G6R10W600LRP	600mA	
	G6R10W700LRP	700mA	
	Current accuracy		
Dimming	G6R10W350/500/600/700LRP	± 5%	Full load @230VAC
	G6R10W200/250LRP	± 8%	Full load @230VAC
	Typical output LF current ripple	± 5%	Low Frequency< 120Hz Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	SVM	≤ 0.4	
	PstLM	≤ 1	
	Nominal power range		
	G6R10W200LRP	6.0-8.4W	
	G6R10W250LRP	7.5-10.5W	
	G6R10W350LRP	4.6-9.1W	
	G6R10W500LRP	6.0-10.0W	
	G6R10W600LRP	7.2-10.8W	
	G6R10W700LRP	6.1-9.0W	
	Maximum power	10.8W	
	Dimming control	NA	
	Dimming technique	NA	
	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	

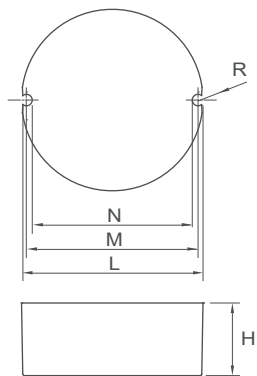
Environment	Ambient temperature range t _a		-20°C - +60°C	
	Maximum case temperature t _c			
	G6R10W200/250/350LRP		80°C	
	G6R10W500/600/700LRP		85°C	
	Max. case temp. in fault condition		110°C	
			When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C	
	Storage temperature range		-40°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			
Packing	G6R10W200/250/350LRP	Full Load	> 50,000 h,tc 80°C@ta 60°C	
			0.2 % / 1,000 h failure rate	
	G6R10W500/600/700LRP	Full Load	> 50,000 h,tc 85°C@ta 60°C	
			0.2 % / 1,000 h failure rate	
Packing	Gross weight/box		10.3 kg	
	Net weight/box		9.4 kg	
	Pcs/box		180 PCS	
	Dimension/box		385(L)*310(W)*260(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		
Cable information				
PRI	Connection	L	N	
	Color	Brown	Blue	
	Wire type	7022	7022	
	Wire diameter	AWG20	AWG20	
	Wire length	140mm	142mm	
	Stripping	6mm	6mm	
	Tolerance	±5mm	±5mm	
SEC	Connection	+	-	
	Color	Red	Black	
	Wire type	1332	1332	
	Wire diameter	AWG22	AWG22	
	Wire length	142mm	142mm	
	Stripping	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).



Physical
Parameter



L : 48 mm M : 46.7 mm N : 43.5 mm
H : 22 mm R : 1.6 mm
Tolerance : +/-1 mm , R : +/-0.5 mm

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

Wiring Diagram

