

Approval Marks



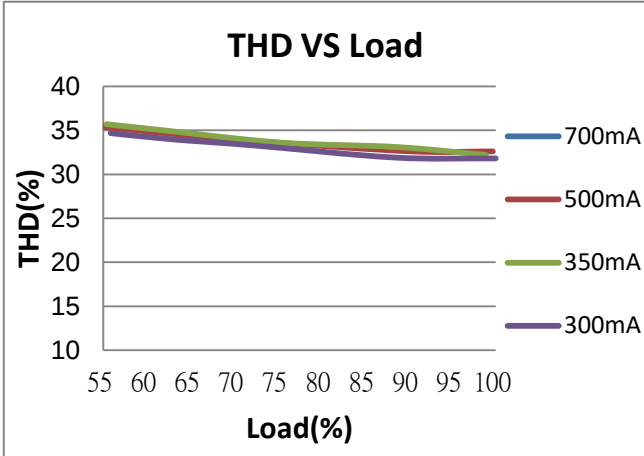
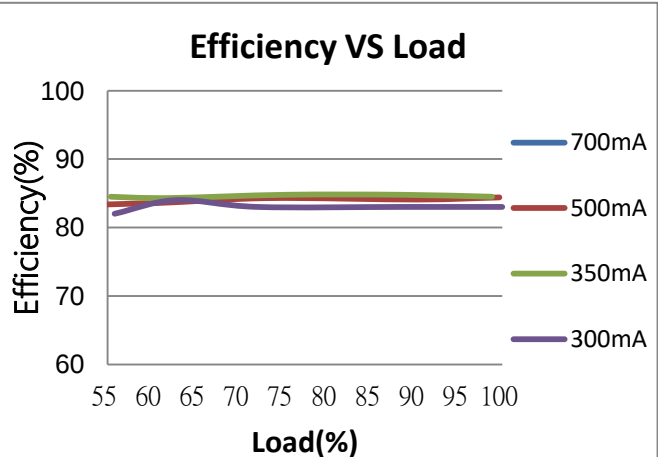
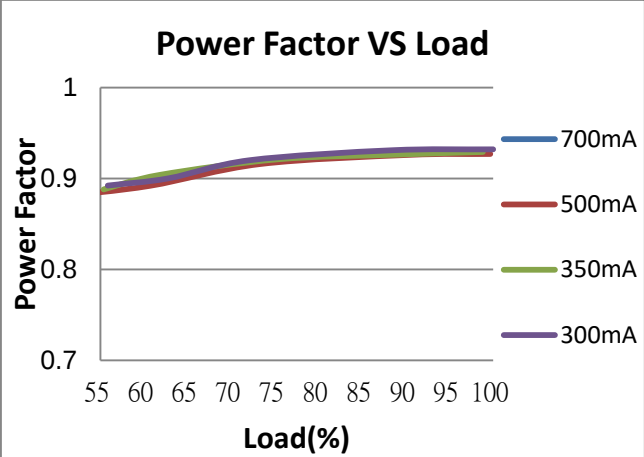
Item		Value		Remark
Input	Nominal voltage	220	- 240 V	
	Nominal frequency	50	- 60 Hz	
	AC voltage range	198	- 264 V	
	DC voltage range (start)	NA		
	DC voltage range (operation)	NA		
	Nominal current	90	mA	Full load @230VAC
	Total Harmonic Distortion (THD)	<	35 %	Full load @230VAC
	Power factor			Min-load @ 240Vac and Full-load @ 220 Vac
	G6R15W300LRP	0.87C-0.9C		
	G6R15W350/500/700LRP	0.87C-0.92C		
	Displacement factor			Min-load @ 240Vac and Full-load @ 220 Vac
	G6R15W300LRP	0.87C-0.9C		
	G6R15W350/500/700LRP	0.87C-0.92C		
	Efficiency			Full load @230VAC
	G6R15W300LRP	84	%(Typ.)	
	G6R15W350LRP	82	%(Typ.)	
	G6R15W500LRP	84	%(Typ.)	
	G6R15W700LRP	82	%(Typ.)	
	No-load power	NA		
	Stand-by power	NA		
	Protection class	NA		
Inrush current		7 A	/ 500 us	
Max.units per circuit breaker		Type B , 10A MCB	21	
		Type B , 16A MCB	34	
		Type C , 10A MCB	36	
		Type C , 16A MCB	57	
Earth leakage current		NA		

Item		Value				Remark
Output	Nominal voltage range					
	G6R15W300LRP	24	-	43	Vdc	
	G6R15W350LRP	24	-	43	Vdc	
	G6R15W500LRP	15	-	30	Vdc	
	G6R15W700LRP	12	-	21	Vdc	
	Maximum voltage					
	G6R15W300LRP	63			Vdc	
	G6R15W350LRP	63			Vdc	
	G6R15W500LRP	50			Vdc	
	G6R15W700LRP	45			Vdc	
	Nominal current range					
	G6R15W300LRP	300			mA	
	G6R15W350LRP	350			mA	
	G6R15W500LRP	500			mA	
	G6R15W700LRP	700			mA	
	Current accuracy					Full load @230VAC
	G6R15W300LRP	±	5		%	
	G6R15W350LRP	±	5		%	
	G6R15W500LRP	±	5		%	
	G6R15W700LRP	±	5		%	
	Typical output LF current ripple	±	5		%	Low Frequency< 120Hz Full load @230VAC
SVM	≤	0.4			Full load @230VAC	
P _{st} LM	≤	1			Full load @230VAC	
Starting time	<	0.5	S		Full load @230VAC	
Nominal power range						
G6R15W300LRP	7.2	-	12.9	W		
G6R15W350LRP	8.4	-	15	W		
G6R15W500LRP	7.5	-	15	W		
G6R15W700LRP	8.4	-	14.7	W		
Maximum power	15			W		
Dimming	Dimming control					
	Dimming technique					
	PWM frequency					
	Dimming range					
	Lowest dimming current					
	Galvanic isolation					
Ambient temperature range t _a						
Maximum case temperature t _c						
Environment	G6R15W300LRP	75			°C	
	G6R15W350LRP	80			°C	
	G6R15W500LRP	80			°C	
	G6R15W700LRP	80			°C	
	Max. case temp. in fault condition	95			°C	When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
Storage temperature range						

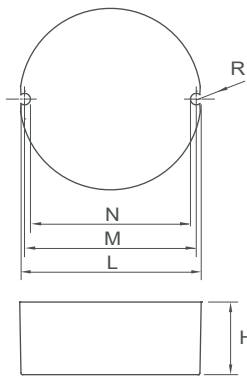
Environment	Relative humidity	10 %		- 95 %					
	Surge transient protection	1 kV				L/N			
	Environmental rating	Indoor							
	IP rating	IP20							
	Mains switching cycles	>		100,000					
	Expected lifetime								
	G6R15W300LRP	>	50,000 h , tc	75	°C @ ta	50 °C	0.2% / 1,000 h failure rate		
		>	100,000 h , tc	65	°C @ ta	40 °C	0.1% / 1,000 h failure rate		
	G6R15W350LRP	>	50,000 h , tc	80	°C @ ta	50 °C	0.2% / 1,000 h failure rate		
		>	100,000 h , tc	70	°C @ ta	40 °C	0.1% / 1,000 h failure rate		
G6R15W500LRP	>	50,000 h , tc	80	°C @ ta	50 °C	0.2% / 1,000 h failure rate			
	>	100,000 h , tc	70	°C @ ta	40 °C	0.1% / 1,000 h failure rate			
G6R15W700LRP	>	50,000 h , tc	80	°C @ ta	50 °C	0.2% / 1,000 h failure rate			
	>	100,000 h , tc	70	°C @ ta	40 °C	0.1% / 1,000 h failure rate			
Packing	Gross weight/Carton	14		kg					
	Net weight/Carton	11.5		kg					
	Pcs/Carton	180		PCS					
	Dimension/Carton	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	AWG 20				AWG 20			
	Wire length	140 mm				140 mm			
	Stripping	6 mm				6 mm			
	Tolerance	±	5 mm		±	5 mm			
Sec	Connection	+				-			
	Color	Red				Black			
	Wire type	1332				1332			
	Wire diameter	AWG 22				AWG 22			
	Wire length	139 mm				139 mm			
	Strip length	6 mm				6 mm			
	Tolerance	±	5 mm		±	5 mm			

*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

