

Constant Current LED Driver



Approval Marks



Australia Certificate No. : TUV16920E

Certified

EN 61347-1:2008+A1
 EN 61347-2-13:2006
 EN 62384:2006+A1

Electronic

Parameter	Conditions	Min	Nom	Max	Unit
I/P Voltage Range		90	100-240	264	Vac
Input Frequency		47	50-60	63	Hz
Input Power	High Power LED	25	-	70	W
Input current	LTC60W700 UNI @ 100V	-	-	480	mA
	LTC60W800 UNI @ 100V	-	-	550	mA
	LTC60W900 UNI @ 100V	-	-	620	mA
	LTC60W950 UNI @ 100V	-	-	650	mA
	LTC60W1000 UNI @ 100V	-	-	700	mA
	LTC60W1050 UNI @ 100V	-	-	700	mA
	LTC60W1100 UNI @ 100V	-	-	700	mA
	LTC60W1200 UNI @ 100V	-	-	700	mA
	LTC60W1300 UNI @ 100V	-	-	700	mA
	LTC60W1400 UNI @ 100V	-	-	700	mA
LTC60W1500 UNI @ 100V	-	-	700	mA	
Output Voltage Range	LTC60W700 UNI	-	28-57	-	Vdc
	LTC60W800 UNI	-	28-57	-	Vdc
	LTC60W900 UNI	-	28-57	-	Vdc
	LTC60W950 UNI	-	28-57	-	Vdc
	LTC60W1000 UNI	-	28-57	-	Vdc
	LTC60W1050 UNI	-	28-57	-	Vdc
	LTC60W1100 UNI	-	28-55	-	Vdc
	LTC60W1200 UNI	-	25-50	-	Vdc
	LTC60W1300 UNI	-	23-46	-	Vdc
	LTC60W1400 UNI	-	22-43	-	Vdc
LTC60W1500 UNI	-	20-40	-	Vdc	
Output Current Range	LTC60W700 UNI	650	700	750	mA
	LTC60W800 UNI	750	800	850	mA
	LTC60W900 UNI	850	900	950	mA
	LTC60W950 UNI	900	950	1000	mA
	LTC60W1000 UNI	950	1000	1050	mA
	LTC60W1050 UNI	1047	1050	1102	mA
	LTC60W1100 UNI	1045	1100	1155	mA
	LTC60W1200 UNI	1140	1200	1260	mA
	LTC60W1300 UNI	1235	1300	1365	mA
	LTC60W1400 UNI	1330	1400	1470	mA
LTC60W1500 UNI	1425	1500	1575	mA	
Rated Output power	LTC60W700 UNI	20	-	40	W
	LTC60W800 UNI	22	-	46	W
	LTC60W900 UNI	25	-	52	W
	LTC60W950 UNI	26	-	54	W
	LTC60W1000 UNI	28	-	57	W
	LTC60W1050 UNI	29	-	58	W
	LTC60W1100 UNI-LTC60W1500 UNI	30	-	60	W

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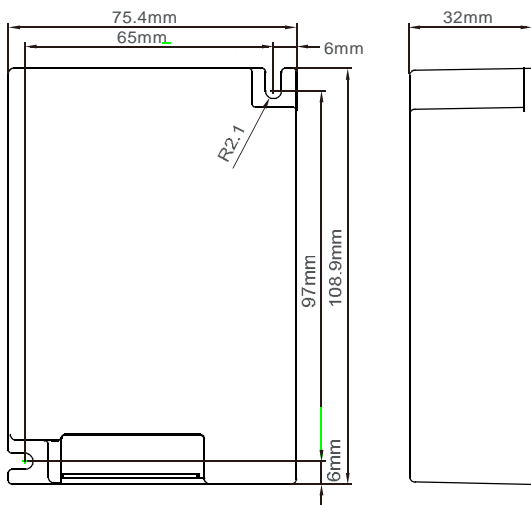
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Electronic

Parameter	Conditions	Min	Nom	Max	Unit
THD		-	-	20	%
Efficiency	Full Load	-	85	-	%
Standby Power		-	-	1	W
Rise Time		-	-	500	ms
Start-up Delay		-	-	500	ms
Ripple current	peak to peak @ full load	-	40	-	%
Output Current Overshoot		-	-	20	%
Power Factor	Full Load	0.90	-	-	-
Protection	Over-voltage Protection	Auto recovery			
	Open-circuit Protection	Max output voltage at no load			
	Short-circuit Protection	Auto recovery			
RoHS Standard		Compliant			
Case Temperature(Tc)	LTC60W700(-Z) UNI-LTC60W900(-Z) UNI	-	-	+70	°C
	LTC60W950(-Z) UNI-LTC60W1500(-Z) UNI	-	-	+75	°C
External Operating Temperature		-20	-	+50	°C
Operating humidity range		10	-	95	%
Storage Temp. range		-25	-	+85	°C
Lifetime	at Max Case hot spot Temperature	50,000	-	-	hrs
Case Dimensions		108.9	75.4	32	mm

Physical Parameter



Wiring

