LED DRIVER 6603263 DATASHEET

The LED power supply is single output, output voltage is +36V, output constant Current is 960MA.

INPUT CHARACTER

ITEM		NORMAL	UNITS	CONDITIONS
1	**AC/DC Input voltage**	200-240	VAC/DC	NORMAL
2	**AC/DC Input voltage**	200-240	VAC/DC	
3	**Input frequency**	50	Hz	Input 200-240V / FL
4	**Start voltage**	180	VAC/DC	LED full Load

OUTPUT CHARACTER

Voltage range (Unit：V)	Current range (Unit：MA)	Power factor	Efficiency (Unit：%)	Current accuracy	Current Harmonics (Unit：%)
27-40	912-1008	AC220≥0.9	AC220≥85	±5%	≤20

Note： 1. The parameters above are obtained under the testing condition of full load.
2.These parameters are typical values within the application scope of this model.

ENVIRONMENT CONDITIONS

No.	ITEM	MIN	NORMAL	MAX	UNITS	MARK
1	**OPERATION TEMPERATURE**	-20	25	50	℃	100% load
2	**STORAGE TEMPERATURE**	-20	25	85	℃	
3	**OPERATION HUMIDITY**	5	--	95	%RH	non condensing
4	**STORAGE HUMIDITY**	5	--	95	%	non condensing
5	**ATMOSPHERIC PRESSURE**	70	--	106	KPa	
6	**EMITTING HEAT MODE**	non forced air cooling				

PROTECTION

The led power must be protected against continuous short circuit conditions on the DC output, The power can come back to normal working without on / off powering after removal of the over current and over voltage and continuous short circuit conditions.

High voltage test: input to output 3KVAC， 10mA, 60S

SIZE

Outlook dimensions: 129mm(L)x45mmMAX(W)x29mm(H) ±0.5mm

Input wire：White rubber cable, white outside, two cores inside (brown blue)/total length=3040mm (total length of wire does not include European plug)

Output wire：Power cord (with buckle) White outside, 2 cores inside (red and black)/L=230mm/22AWG/Rotating DC female at one end/Certified

Appearance:

Requirements: The power supply needs to be installed on the shell

PCB specification

Material： 22F，Board thickness： 1.6mm，Copper thickness：10Z，
PCB Flame resistance rating：94 V-0

Output	Output voltage	27-40V
	Rated current	960mA
	Maximum power	38.4W
	Current tolerance	±5%
	Dimming Range	NC
	Ripple voltage	190mVp-p
	Ripple current	192mAp-p
	Line regulation	±3%
	Load regulation	±3%
	Flicker percentage	<3%
	Starting time	<500mS
	Turn off time	<2.0S
	Noise	<22dB
Input	Voltage	200-240V
	Frequency	Rated:50-60Hz; Range:47-63Hz
	Power factor	⩾0.9
	I-THD5	⩽20%
	Efficiency	⩾85%
	AC current	0.5A max.
	Inrush current	30A
	Inrush current time	30uS
	Leakage current	<1mA
	ON/OFF switches cycle	>100000
	Standby power	<0.5W
	Over voltage	Shut down output voltage, with auto-recovery or re-power on to recovery
	Over temperature	Shut down output voltage, recovers automatically after temperature goes down
	Short circuit	Constant current limiting, recovers automatically after fault condition is removed
Safety &EMC	Safety standards	EN61347-2-13; Design refer to TUV EN60950-1, TUV EN61347-1
	Withstand voltage	I/P-O/P:3KVac
	Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500Vdc/25℃/75%RH

	EMC emission		EN55015B, EN61000-3-2, EN61000-3-3
	EMC immunity		EN61000-4-2, EN61547
Environment	Ambient temperature range		-20℃~+45℃
	Max. case temperature(tc)		80℃
	Relative humidity range		20%-85%RH
	Storage temperature range		-40℃~+80℃
	MCB TYPE B	10A 16A	20pcs@full load
			30pcs@full load
		20A	44pcs@full load
	MCB TYPE C	10A 16A	24pcs@full load
			37pcs@full load
		20A	48pcs@full load
	Dimming control mode		NC
	Memory function		NC
	DALI Standard Lifetime(hrs)@tc=70℃		30000h@tc=70℃
	MTBF [MIL-HDBK-217F{ta=25℃}]		200000H min
	Glow wine test		850℃ for 5S ;650℃ for 30S
	Dimension L x W x H		L129*W45*H29