## **60W DIMMABLE DALI POWER SUPPLY SINGLE OUTPUT**

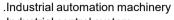




## **■**Features

- \*Protection: short-circuit, overload
- \*100% full-load aged
- \*Withstand 300VAC surge input for 5 seconds
- \*-20~+60℃Working temperature
- \*5G vibration tested
- \*High efficiency, long life span, and high reliability
- \*LED indicator for power on
- \*3 years warranty
- \*0-10V dimmable dali

## **■**Applications



.Industrial control system

.Testing and measuring instruments

.Household appliances

.Led lighting appliances

.Aging equipment

.IT communication equipment





## **Specifications**

Product No.		DM-60-12	DM-60-24
Output	DC voltage	12V	24V
	Rated Current	5A	2.5A
	Current Range	0-5A	0-2.5A
	Rated Power	60W	60W
	Ripple and Noise(Max)Note.2	150mVp-p	240mVp-p
	Voltage adjustment	10.8-13.2V	22-27.6V
	Voltage Accuracy Note3	±1%	±1%
	Linear Adjustment Note4	±0.5%	±0.5%
	Load Adjustment Note5	±0.5%	±0.5%
	Start and rise time	1000ms,30ms/230VAC 1000ms,30ms/110V	
	Hold time (Typ)	50ms/230VAC 10ms/115AC	
Input	Voltage range	87-264VAC	
	Frequency range	50HZ	
	Efficiency (Typ)	80%	82%
	AC current (Typ)	0.92A/90V 0.38A/220V	
	Surge current (Typ)	Cold Start: 65A/230VAC	
	Current leak	<2mA/240VAC	
Protection	Overload	Larger than 105% of capacity	
	Overload	Protection type: Hiccup mode, recovers automatically after fault condition is	
	Overvoltage		
		Protection type :Shut down O/P voltage,re-power on to recover	
	Overheat		
Environment	Working temp.	-20∼+60℃(Refer to the tenuation curve)	
	Working humidity	20~90% RH, without condense	
	Storage temp & hmdty	-40∼+80℃	
	Temp. coefficient	±0.03%/℃ (0~50℃)	
	Vibration proof	10∼500HZ,5G 10min / cycle, X、Y、Z axes 60 min each	
Safety reg. & EMC (Note.6)	Safety regulation	GB195110.1-2004/IEC61347-1:2003 CE(EMC+LVD)	
	Voltage proof	I/P-O:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
	insulation resistance	I/P-O/P, I/P-FG,O/P-FG:100M Ohms/500VDC/25°C/70% RH	
	EMC irradiation	EN 55032A:2006;EN61000-3-2:1995+A2:2005	
	EMC disturbance proof	EN 61000-3-2:2006;	
	Dimensions	185*50*30mm(L*W*H)	
	Packing	0.176kg/PCS;100PCS/17.6kg	
Notes:	1. All parameters NOT specially mentinoed are measured at 230VAC input, rated load and 25℃ of ambient		
	2.Ripple and noise are measured at 20MHz bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF and		
	a 47 µF parallel capacitor.		
	3.Accuracy: including preset errors, linear adjustment rate and load adjustment rate.		
	4.Linear adjustment: taken under rated load from low voltage to high voltage.		
	5.Load adjustment: taken under 0~100% of rated load.		
	6. The power supply is taken as part of the whole system, and needs to be confirmed with final equipment for EMC.		
	o. The power supply is taken as	as part of the whole system, and needs to be committed with final equipment for Line.	