



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°C 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 automation machinery
- .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	
	Overvoltage	Protection type : Hiccup mode, recovers automatically after fault condition is	
	Overheat	Protection type :Shut down O/P voltage,re-power on to recover	
Environment	Working temp.	-20~+60°C (Refer to the tennation curve)	
	Working humidity	20~90% RH, without condense	
	Storage temp & hmdty	-40~+80°C	
	Temp. coefficient	±0.03%/°C (0~50°C)	
	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	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°C 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.		