



250W DIMMABLE DALI POWER SUPPLY

SIZE:
L:287mm
W:50mm
H:30mm



- AC input: 110/220V
- Protection: short-circuit, overload
- 100% full-load aging test
- 300VAC surge for 5 seconds with
- Working temperature up to 60°C
- 5G vibration tested
- High efficiency, long life span, an
- IP20 grade
- 3 years warranty
- 0-10V dimmable dali

■Application

- *Industrial automation machinery
- *Industrial control system
- *LED lighting
- *Mechanical and electrical equip
- *Electronic instruments, equipment



Specifications

Product No.		DM-250-12
Output	DC voltage	12V
	Rated Current	20A
	Current Range	0-20A
	Rated Power	250W
	Ripple and Noise(Max)Note.2	150mVp-p
	Voltage adjustment	10.8-13.2V
	Voltage Accuracy Note3	±1%
	Linear Adjustment Note4	±0.5%
	Load Adjustment Note5	±0.5%
	Start and rise time	1000ms,30ms/
Hold time (Typ)	50ms/2	
Input	Voltage range	AC 110V±15%/A
	Frequency range	
	Efficiency (Typ)	80%
	AC current (Typ)	3.7A
	Surge current (Typ)	Cold s
	Current leak	<
Protection	Overload	Larger t restoration
	Overvoltage	
	Overheat	
Environment	Working temp.	-20~+60°C(F
	Working humidity	20~90%
	Storage temp & hmdty	
	Temp. coefficient	±0.03
	Vibration proof	10~500HZ,5G 10min
Safety reg. & EMC (Note.6)	Safety regulation	GB195110.1-2004/I
	Voltage proof	I/I
	insulation resistance	I/P-O/P:100M C
	EMC irradiation	EN 55015:2006
	EMC disturbance proof	EN
Dimensions	Dimensions	287*
	Packing	

- Notes:
1. Unless specially indicated, all data are taken under 230VAC input, ra
 2. Ripple and noise: measured with a 12" double ripple cord connected 20MHz bandwidth.
 3. Accuracy: including preset errors, linear adjustment rate and load adj
 4. Linear adjustment: taken under rated load from low voltage to high v
 5. Load adjustment: taken under 0~100% of rated load.
 6. Power supply is taken as part of the whole system, and needs to be

' SINGLE OUTPUT

over voltage, over temperature

standable

high reliability, low cost

y

ment

nts or apparatus

DM-250-24
24V
10A
0-10A
250W
240mVp-p
22-27.6V
±1%
±0.5%
±0.5%
230VAC 1000ms,30ms/110V
30VAC 10ms/115AC
C 220±15% changed by switch
50HZ/60HZ
82%
√110V 1.8A/220V
Start: 65A/230VAC
<2mA/240VAC
than 105% of capacity
after abnormality removed
(refer to the tenuation curve)
RH, without condense
-40~+80°C
3%/°C (0~50°C)
/ cycle, X、Y、Z axes 60 min each
EC61347-1:2003 CE(EMC+LVD)
P-O/P:1.5KVAC
2hms/500VDC/25°C/70% RH
;EN61000-3-2:1995+A2:2005
61000-3-2:2006;
50*30mm(L*W*H)
0.59kg/PCS
ated load and 25°C environment temp.
in parallel with a 0.1μF and a 47 μF capacitor on
justment rate.
oltage.
confirmed with terminal instruments for EMC.

