

AC -> DC SWITCHING POWER SUPPLY

**DLP1220D SERIES** 

WEIGHTS: 276g

13ms

Autorecovery

Automatic power limited

All the patents are held accountable counterfeiting.

# Features

# **Green Power**

- Adjustable output voltage and LED display on the panel
- Standard/Din Rail Mounting Dual Purpose, meet EU EN 43880 installation dimension standard 4SU
- Easy mounting (one-step installation)
- Full Range Input with PFC
- Comply with High Efficiency Power 80Plus Criterion

DIMENSIONS:55.2(H)\*90.7(D)\*70(W)mm

OUTPUT

Hold-up time

Short protection

Over load protection

- 91% High Efficiency
- Split rail & Series connection possible
- Fan cooling

90~264VAC

47~63Hz

95% Min.

120~380VDC

35A/110VAC 70A/220VAC

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- EN 62368 approved
  2 years warranty
- 2 years warranty
   Output modify range: 3V~200VDC

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# General specifications

#### INPUT

Input range

Input frequency Inrush current (25°C)

**Power factor** 

## **Detail specifications**

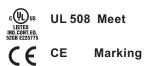
## 200 ~ 220 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) 1			Ripple Lin	Line	e Load	Efficiency	O.V.P
		Min.	Rated	Max.	∝ Noise₄	REG. 2	REG.	5	0.v.P
DLP1200D-12C	V : +12V ±10%	0A	16.6A	16.6A	120mV	±1%	±1%	88% Ref.	17.1 ~ 18.9V
DLP1220D-24C	V : +24V ±10%	0A	9.2A	9.2A	240mV	±1%	±1%	90% Ref.	31.4 ~ 34.7V
DLP1220D-48C	V : +48V ±10%	0A	4.6A	4.6A	480mV	±1%	±1%	92% Ref.	64.6 ~ 71.4V

#### **CE Standards**

EN 55032, EN 55035, EN 61000-3-2, EN 61000-3-3, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11) Heavy Industry level, criteria A LVD: EN 62368-1

# Safety Standards



#### **Environments**

Operating Temperature-15 ~ 50°C, AmbientOperating Humidity20 ~ 90% RH, No CondensingStorage Temperature-20 ~ 85°C, AmbientVibration2G, 10~500Hz, 3 axes

# NOTE

- 1. Each output can provide up to maximum load, but total load can not exceed rated output power.
- 2. Line regulation is measured from low line to high line at rated load.
- 3. Load regulation is measured from 20% to 100% of rated load at 220VAC input.
- 4. Ripple & Noise are measured with 20MHz oscilloscope at 220VAC by using a 20cm long 12" twisted
- pair-wire with a 0.1uF/630V metal capacitor & a 47uF electrolytic capacitor parallel on the test point.
- 5. Efficiency is measured at rated load and 220VAC input.
- 6. Hold-up time is measured at rated load and 220VAC input.
- 7. Output Voltage Adjustable is measured on 5% of rated load.
- 8. Reign Power reserve the right to change specifications at any time without notice.

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