



AC → DC SWITCHING POWER SUPPLY

LTP1480D SERIES

All the patents are held accountable counterfeiting.

Features



Green Power

- Standard/Din Rail Mounting Dual Purpose
- Easy mounting (one-step installation)
- Comply with High Efficiency Power 80Plus Criterion
- 92% High Efficiency
- Split rail & Series connection possible
- Convection cooled high reliability
- 100% burn-in test
- 2 years warranty
- Output modify range: 24V~48VDC

DIMENSIONS:131(H)*119(D)*60.5(W)mm

WEIGHTS: 950g

General specifications

INPUT

Input range	3 phase input 340~550VAC
Input frequency	47~63Hz
Inrush current (25°C)	60A/380VAC
Power factor	83% Min./400VAC 80% Min./400VAC

OUTPUT

Hold-up time	18ms/400VAC 19ms/500VAC
Short protection	Re-power on to recover
Over load protection	Short-circuit protection

Detail specifications

480 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V.P
		Min.	Rated	Max.					
LTP1480D-24CENDA	V : +24V ±10%	0A	20A	20A	150mV	±1%	±1%	92% Ref.	31.4 ~ 34.7V
LTP1480D-48CENDA	V : +48V ±10%	0A	10A	10A	480mV	±1%	±1%	92% Ref.	64.6 ~ 71.4V

Please Choose Fit Function, And Fill In The Blank With Suitable Words.

Order Model: LTP1480D-24C ☒ E ☐ N ☐ ☐

Optional Function:

Terminal Block: "E" : Mini Terminal Block

"N" : No Power Ready Relay Function

Monitor: " " : No Monitor

"D" : Monitor Display

Type: " " : No Display Function

"A" : Output Voltage Display

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



UL 508 Meet



CE Meet

Environments

Operating Temperature

-10 ~ 60°C, Ambient

Operating Humidity

20 ~ 90% RH, No Condensing

Storage Temperature

-20 ~ 85°C, Ambient

Vibration

2G, 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 3 phase 380VAC input.
4. Ripple & Noise are measured with 20MHz oscilloscope at 3 phase 380VAC 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 3 phase 380VAC input.
6. Hold-up time is measured at rated load and 3 phase 380VAC input.
7. Output Voltage Adjustable is measured on 5% of rated load.
8. The product uses metal enclosure for cooling. To ensure product lifespan, a clearance of at least 1 cm at the side of the product, 2 cm at top and bottom of the product should be maintained when installing.
9. Reign Power reserve the right to change specifications at any time without notice.

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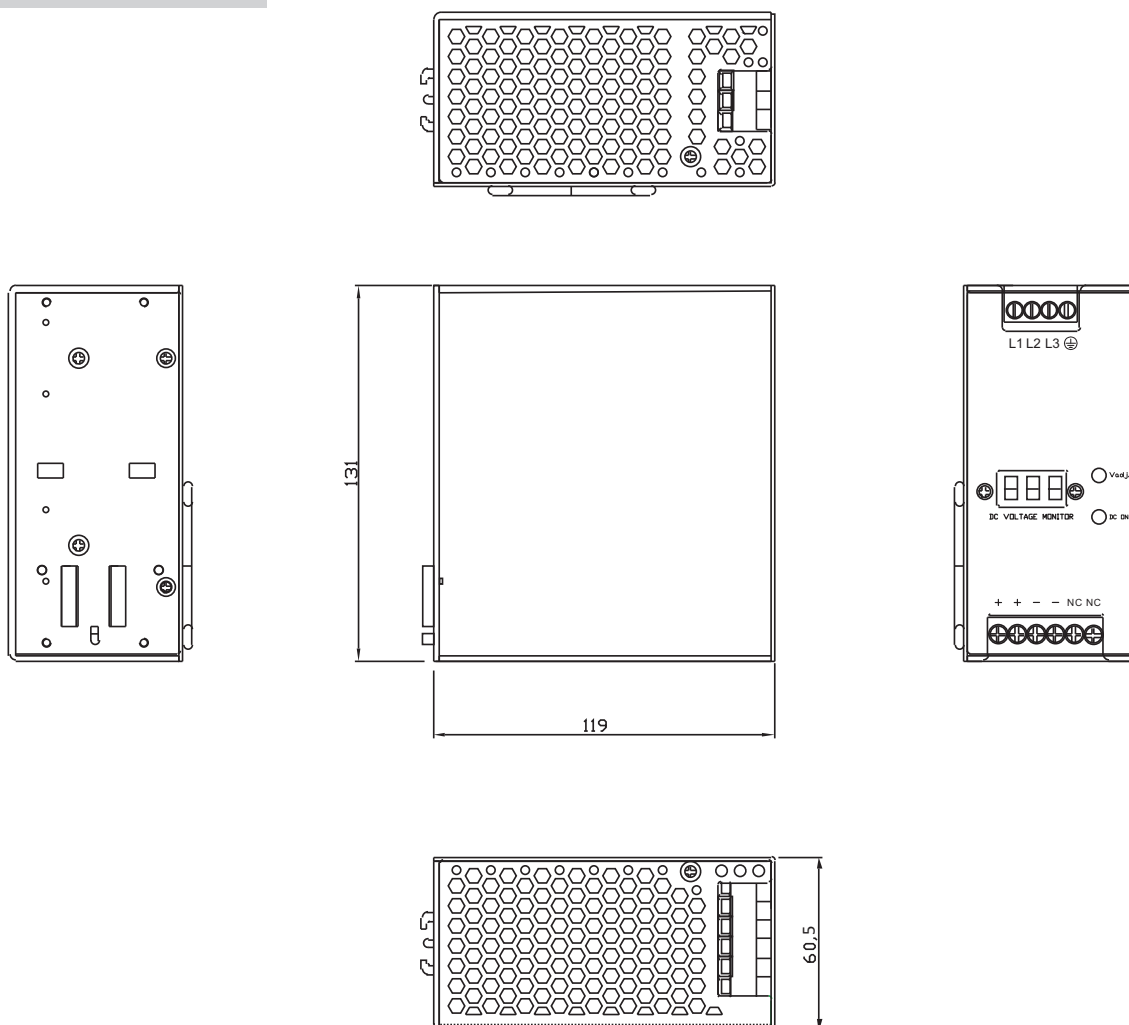


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Mechanical Details



Panel Designation

CASE NO. : CS480DR
UNIT : mm
DIMENSION : 131(H)*119(D)*60.5(W)
MATERIAL : ALUMINUM
COLOR : ORIGINAL ALUMINUM

Symbol	Description
L1~L3	Line Terminal Of AC Input
⊕	Grounding (Earth)
+	DC Positive Output Terminal
-	DC Negative Output Terminal
DC Voltage Monitor	Display Output Voltage
V adj.	Potentiometer For Output Voltage
DC ON	Blue LED Indicator
NC	No Output Terminal