AC ➡ DC SWITCHING POWER SUPPLY

LTP12K0D 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
- Fan cooling
- 100% burn-in test
- 2 years warranty
- Output modify range: 24V~48VDC

DIMENSIONS:127.8(H)*78.7(D)*225(W)mm **WEIGHTS: 1750g**

General specifications

INPUT

Input range	3 phase input 340~450VAC
Input frequency	47~63Hz
Inrush current (25°C)	15A@380VAC
Power factor	82% Min./380VAC

OUTPUT

Hold-up time	12ms/380VAC
Short protection	Re-power on to recover
Over load protection	Short-circuit protection

Detail specifications

2000 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.					
LTP12K0D-24CENDA	V : +24V ±10%	0A	83.3A	83.3A	240mV	±1%	±1%	92% Ref.	28.8 ~ 33.6V
LTP12K0D-48CENDA	V : +48V ±10%	0A	41.6A	41.6A	480mV	±1%	±1%	92% Ref.	57.6 ~ 67.2V

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

Order Model:LTP12K0D-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

c UL us E225775 **UL 508 Meet**

CE **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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REIGNPOWER S.M.P.S

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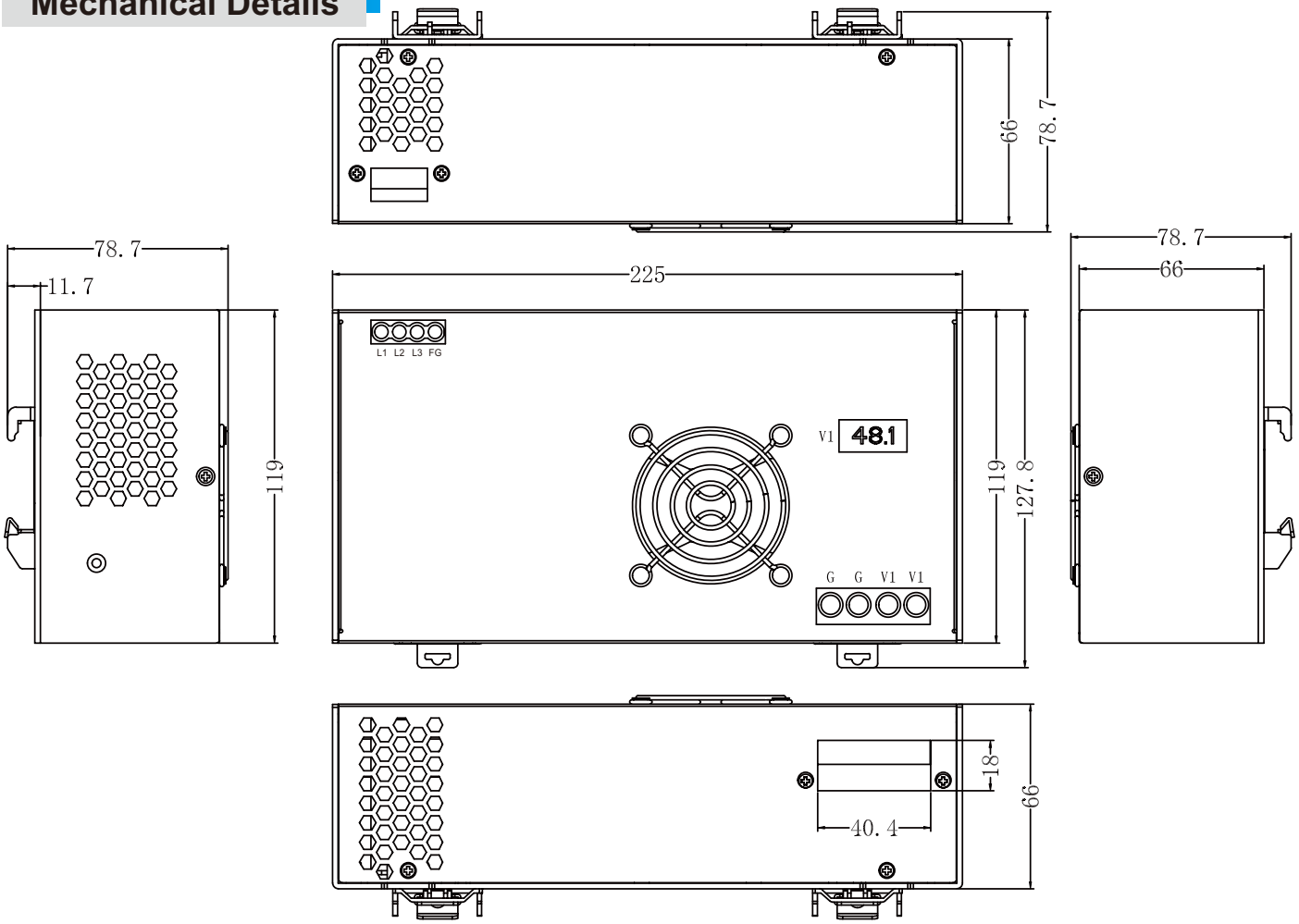
Mechanical Details



CASE NO. : CS12K0D
UNIT : mm
DIMENSION : 127.8(H)*78.7(D)*225(W)
MATERIAL : ALUMINUM
COLOR : ORIGINAL ALUMINUM

Panel Designation

Symbol	Description
L1~L3	Line Terminal Of AC Input
FG	Grounding (Earth)
V1	DC V1 Output Terminal
G	DC Output Grounding Terminal
OUTPUT MONITOR	Voltage Display

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