



All the patents are held accountable counterfeiting.

Features



Green Power

- Standard/Din Rail Mounting Dual Purpose, meet EU EN 43880 installation dimension standard 4SU
- Width only 70mm(4SU)
- -20~+70°C wide working temperature, optional -40 °C
- No minimum load required
- DC output adjustable(±10%)
- Cooling by free air convection
- Can be installed on din rail TS-35/7.5 or 15
- Protections: Short circuit / Overload / Over voltage
- 3KVac I/O isolation
- 3 years warranty

DIMENSIONS:52.5(H)*90.7(D)*70(W)mm

WEIGHTS: 254g

Detail specifications

| MODEL DAD1060D | | 24I-05 | 24I-12 | 24I-15 | 24I-24 |
|---------------------------------------|----------------------|---|------------|--------------|------------|
| OUTPUT | DC voltage | 5V | 12V | 15V | 24V |
| | Rated Current | 10A | 5A | 4A | 2.5A |
| | Current Range | 0~10A | 0~5A | 0~4A | 0~2.5A |
| | Rated Power | 50W | 60W | 60W | 60W |
| | Ripple&Noise(max.) | 60mVp-p | 75mVp-p | 75mVp-p | 100mVp-p |
| | Voltage Adj. Range | 4.5~5.5V | 10.8~13.2V | 13.5~16.5V | 21.6~26.4V |
| | Voltage Tolerance | ±2.0% | ±2.0% | ±2.0% | ±2.0% |
| | Line Regulation | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| | Load Regulation | ±1.5% | ±0.5% | ±0.5% | ±0.5% |
| | Setup, Rise Time | 120ms, 85ms at full load. | | | |
| | Hold Up Time(Typ.) | 5ms@24Vac input | | | |
| External Capacitance load(Max.) | 6800µF | 4700µF | 3300µF | 2200µF | |
| INPUT | Voltage Range | 19.2~32Vac | | | |
| | Efficiency(Typ.) | 79% | 83% | 83% | 83% |
| | AC Current(Typ.) | 3A/24Vac | | | |
| | Inrush Current(Typ.) | 35A/24Vac | | | |
| PROTECTION | Overload | 105~135% rated output power. | | | |
| | | Protection type: Recovers automatically after fault condition is removed. | | | |
| | Over Voltage | 5.75~7V | 13.8~16.2V | 17.25~20.25V | 28.8~34V |
| | | Protection type: Shut down o/p voltage, re-power on to recover. | | | |



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CE Standards

EN 55032, 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), IEC 62368-1(LVD), Heavy Industry level, criteria A

Safety Standards



UL 508 Design Reference



CE Marking

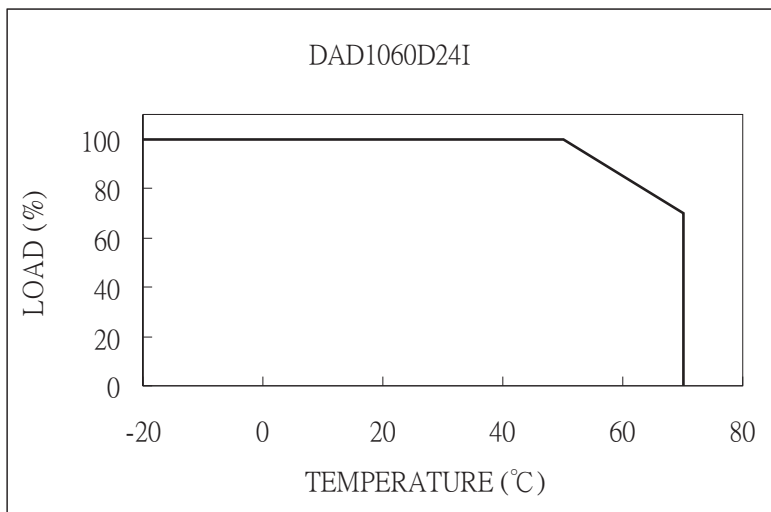
Environments

| | |
|-----------------------|----------------------------|
| Operating Temperature | -20 ~ 70°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 24VAC input.
4. Ripple & Noise are measured with 20MHz oscilloscope at 24VAC 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 24VAC input.
6. Hold-up time is measured at rated load and 24VAC input.
7. Output Voltage Adjustable is measured on 5% of rated load.
8. When placing an order, model name is composed of "series name" and "model name on top of the specification form". For example, model name of 24I-05 of the order on top of the specification form is DAD1060D24I-05.
9. Reign Power reserve the right to change specifications at any time without notice.

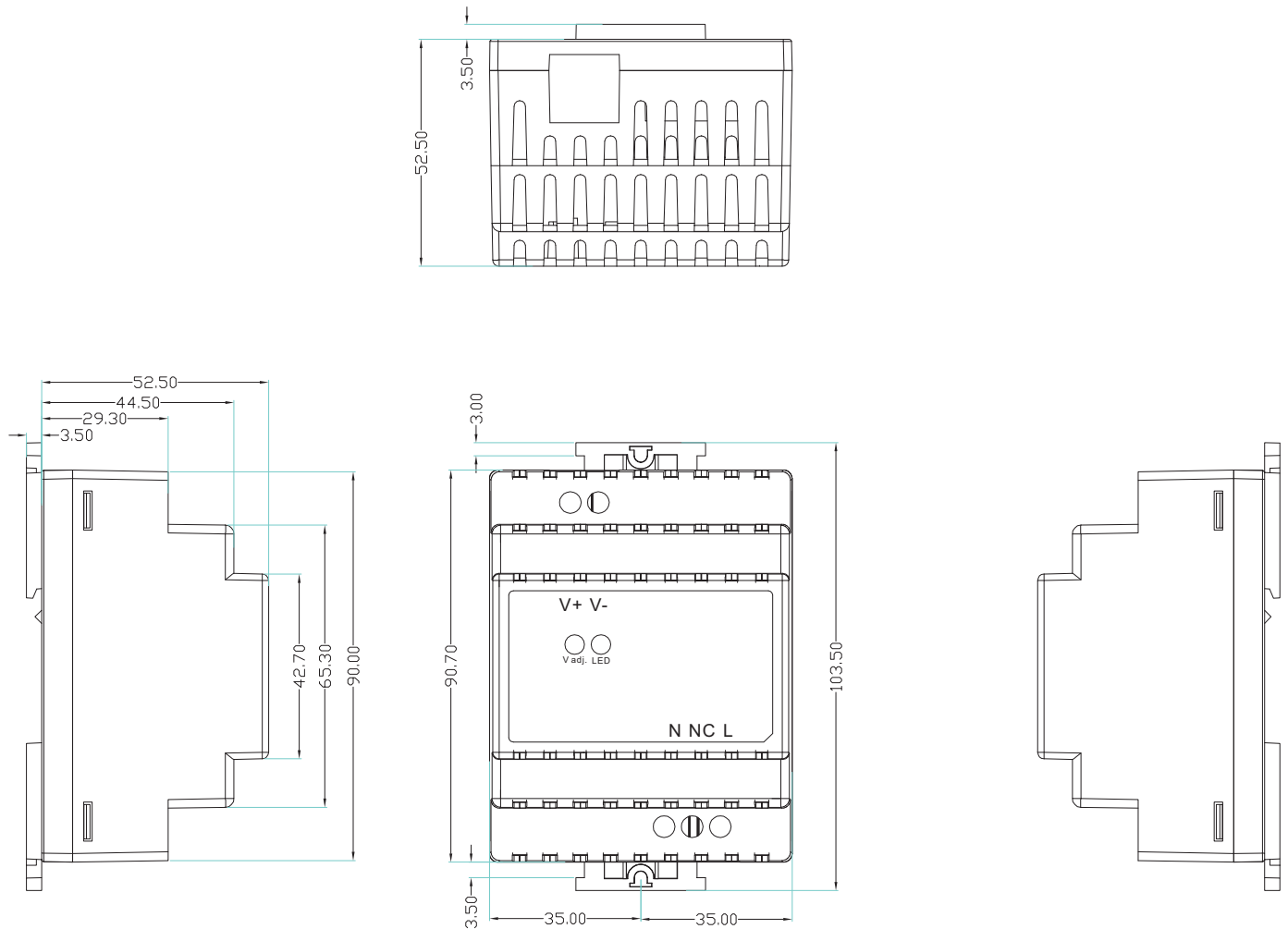
Derating Curve





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Mechanical Details



Panel Designation

CASE NO. : DLP1100D
UNIT : mm
DIMENSION : 52.5(H)*90.7(D)*35(W)
MATERIAL : PLASTIC
COLOR : BLACK

| Symbol | Description |
|--------|--|
| N | Neutral Terminal Of AC Input (No Polarity At DC Input) |
| L | Line Terminal Of AC Input (No Polarity At DC Input) |
| NC | No Output Terminal |
| V- | DC Negative Output Terminal |
| V+ | DC Positive Output Terminal |
| LED | Green LED Indicator |
| V adj. | Potentiometer For Output Voltage |