



Desktop Power Driver



RoHS

Class 2
12V / 24W

Product Number: 950034-12-024

| Job Information <i>Fill out project details for this product below</i> | | | |
|--|--|--------------|--|
| Project | | Location | |
| Contact | | Date | |
| Product Number | | Fixture Type | |

SPECIFICATIONS

| | |
|---------------------------|---|
| Model # | PA-120A-1202000 |
| Part Number | 950034-12-024 |
| Output | |
| DC Voltage | 12V |
| Rated Current | 2A |
| Rated Power | 24W |
| Output Ripple & Noise | ≤120mV |
| Output Voltage Limit | 11.4-12.6 Vdc |
| Efficiency | In 230 Vac / 115 Hz and 230Vac / 60 Hz input , output at 25%, 50%, 75% and full load cases ,The average efficiency of ≥83% (testing after 30 minutes), And no-load input power ≤0.15W |
| Start Up Delay | 3s max@ 100Vac to 240Vac input and output Max. Load |
| Hold Up Time | 10mS/20mS Min. at 115Vac/230Vac input and output Max. Load. |
| Rise Time | 30ms max@100Vac to 240Vac input and output Max.Load |
| Input | |
| Rated Voltage Range | 100Vac-240Vac |
| Rated Frequency Range | 50/60Hz |
| Input Current Limit | ≤0.6A rms at 100 to 240Vac input |
| No Load Power Consumption | ≤0.15W max. @230Vac/115Vac input & No Load |
| Surge Current (Typ.) | Lower than 50/80 A under cold start and 1st half cycle of 115/230 V rms |
| AC Leakage Current | 0.05mA Max @230Vac input |
| Protection | |
| Short Circuit Protection | Hiccup |
| Over Voltage Protection | When on output over-voltage, the power supply goes into the hiccup protection status and shall be on self-recovery until the faulty condition is removed. |
| Over Current Protection | 2.6A-3.4A |
| Environment | |
| Working TEMP. | 0C° to 40C°, Full load, Normal operation |
| Relative Humidity | 5% (0C°)~95% (40C°)RH, Full load, Normal operating |
| Storage TEMP. | -40C° to 85C° with package |
| Wiring | |
| DC Output Wire | 1.2M DC 5.5*2.1mm, 22AWG |
| AC Input Wire | UL approved, NISPT-2 2 x 18AWG 1.2M, Two pin input connector/ C8 |
| Others | |
| Size | 94mm*46mm*32mm (L*W*H) |



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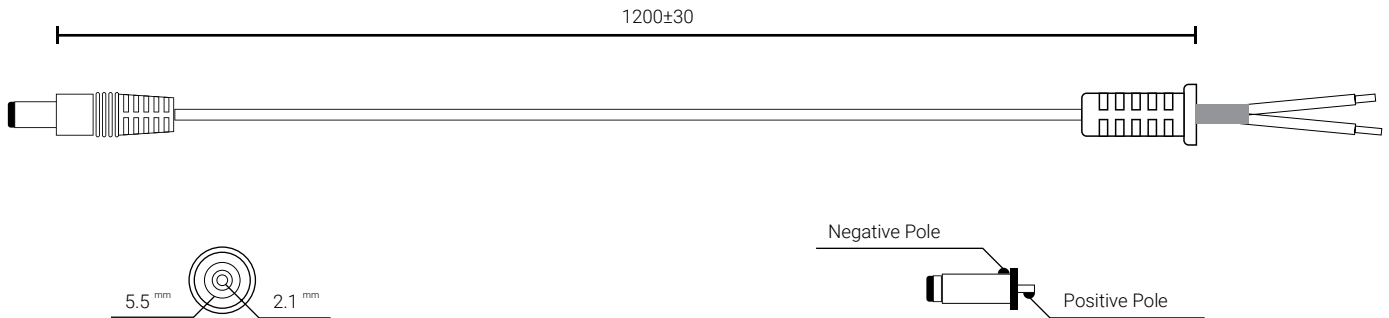


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OVERVIEW



ORDER INFORMATION

| Product # | Voltage | Wattage |
|---------------|-----------|---------|
| 950034-12-024 | 12-12V DC | 24 24 W |

EXAMPLE

950034-12-24

The specification number immediately above can be deconstructed as follows:

- 12V 24W Class 2; Voltage-12V; Wattage-24W



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INSTALLATION

1. Connect LED module with DC output connector according to the install manual provided by LED module or LED light supplier.
2. When installation is complete, switch on the main supply.
3. Do NOT connect LED load(LED module) exceeding total 24W. It may cause over load problem.

Read these instruction carefully. If any doubt, consult a qualified electrician.

SAFETY WARNING UNDER UL FOR USA/CANADA MARKET

For USA/Canada market under UL1310, Cord-connected Type Class 2 Power unit.

CAUTION

RISK OF ELECTRIC SHOCK, DRY LOCATION USE ONLY.

Risk of equipment or circuit damage.

- Disconnect test leads from any circuit being tested before changing functions.
- Always disconnect the live test lead before disconnecting the common test lead.
- Do not create an electrical connection between battery terminals with a jump wire or tools.
- Do not ground any electrical terminal that has or may have power.
- Always unplug equipment from an electrical outlet when not in use.
- Never use the cord to pull a plug from an outlet. Grasp the plug and pull it to disconnect.
- If an extension cord is necessary, a cord with a current rating equal to more than that of the equipment should be used. Cords rated for less current than the equipment may overheat.
- Loop cord or cables loosely around equipment when storing.
- Use tools only as described in the tool user's manual.
- Use only the manufacturer's recommended attachments.



Important safety instruction - Save these Instructions.

Danger - to reduce the risk of fire or electric shock, carefully follow these instructions.

WARNING



RISK OF FIRE.

- Do not overload electric outlet and circuit
- Inspect wiring & plug on power supply to ensure no damage. Discontinue use if a frayed cord or loose prongs on a plug is discovered
- Do not disassemble, modify or repair the power supply or touch the interior of the power supply
- Do not allow any pieces of metal or conductors or any clippings or cuttings resulting from installation work to enter the power supply
- Do not install product in an environment outside the listed ambient temperature
- Install in a well-ventilated area free from explosive gases and vapors.
- Ensure a compatible LED fixture with the correct operating voltage is installed with this product.



RISK OF ELECTRIC SHOCK.

- Do not attempt to disassemble any battery or remove any component projecting from or protecting the battery terminals.
- Prior to recycling, protect exposed terminals with heavy insulating tape to prevent shorting.
- Use extreme caution when working with circuits that have greater than 40 volts DC or 24 volts AC.
- Do not use electrical equipment on wet surfaces or exposed to rain.
- Always wear properly rated rubber insulated gloves when required or appropriate, particularly when working with voltages exceeding 40 volts DC or 24 volts AC.
- Do not use electrical equipment with damaged cords, damaged cables, or equipment that has been dropped or damaged until a qualified service person has examined it.

Electric shock can cause injury.