



Class 2 Power Driver 12V / 60W

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

Slim, easy to mount, plug and play power driver designed for compatibility with Omnify products. Proven in field for excellent reliability, UL Class 2 certified and may be used virtually worldwide with a change to the AC power cord.



KEY FEATURES



High Reliability



Over 88% Efficiency



Class 2 Driver

APPLICATIONS

- Backlighting
- Large Formats
- Backlit Stone
- Backlit Graphics

OVERVIEW



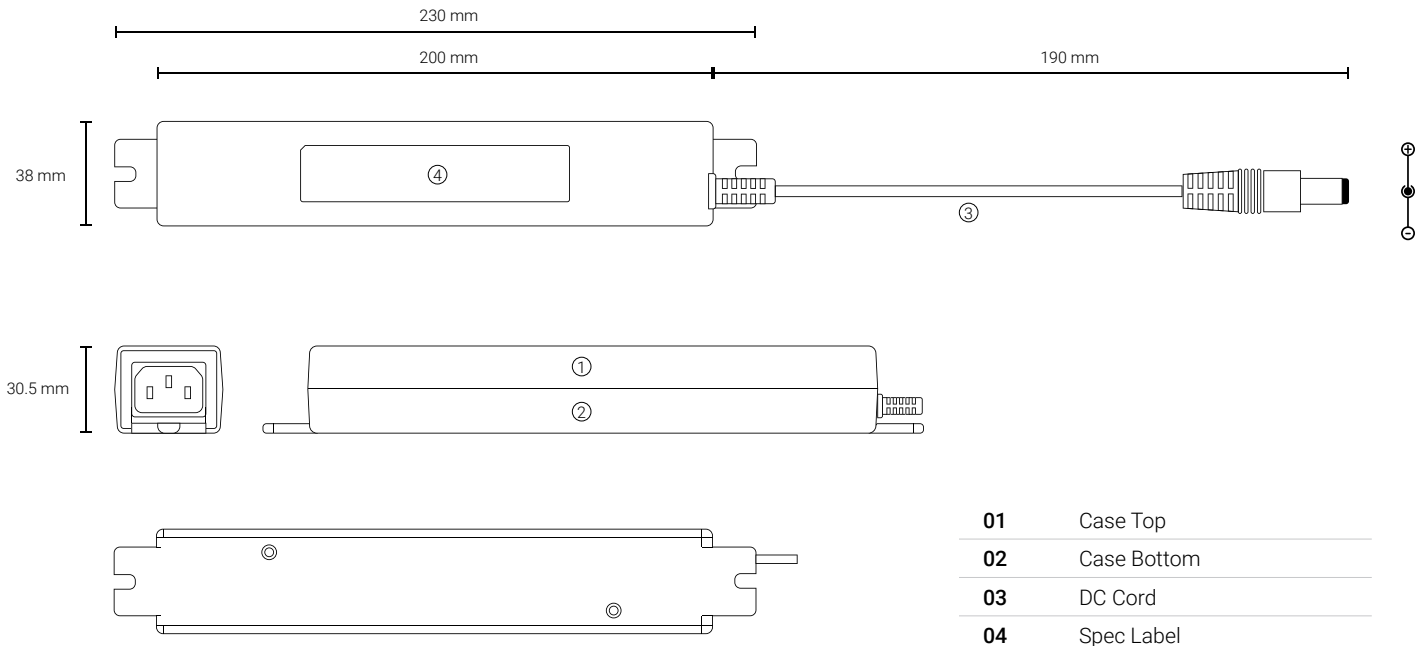
- Universal AC input (100 - 240 V)
- Over voltage Protection
- Short Circuit Protection



SPECIFICATIONS

Model #	PA-I5-1260
Part Number	950003
Output	
DC Voltage	12V
Rated Current	5A
Rated Power	60W
Efficiency	> 88% 115Vac/50Hz, 115Vac/60Hz, 230vac/50Hz 230vac/60Hz
Start Up Delay	< 3000ms @100VAC • <1500ms @240VAC
Hold Up Time	16ms Typ. at 100/240VAC, Full load
Withstanding Voltage	3.0 KV (Reinforce) • 1.5KV Primary – F.G (Basic), at 10mA, 1 min.
Isolation Resistance	> 100 M Ω Primary – F.G, at 500Vdc
Input	
Voltage Range	100VAC~240VAC
Frequency Range	50-60Hz
Input Current Limit	< 0.8A (rms), 240Vac, < 1.5A (rms), 100Vac
No Load Power Consumption	< 0.21W
Max. Input Power Consumption	< 72W
Inrush Current (Typ.)	≤ 60 A (peak)
Input Current Protection	300VAC, 3.15A KC, PSE, UL, CE approved
Protection	
Short Circuit	Output Short HICCUP
Over Voltage	< 30Vdc HICCUP
Over Current Protection	> 5.5 A HICCUP
Environment	
Working TEMP.	0 C° ~ 40 C° (Ta)(2)
Rated Max. TEMP.	75 C° (TC)
Working Humidity	20% ~ 80% RH, non-condensing
Storage TEMP. Humidity	5% ~ 95% RH, non-condensing
Wiring	
DC Output Wire	16 AWG UL Approved • 1,000 mm Length • DC Barrel Connector 5.5 (mm)x 2.1 (mm)
AC Inlet	IEC320 C13/C14 • 10A/250V, 65°C Class I • UL approved
Others	
Net. Weight	236g
Size	230*38*30.5mm (L*W*H)

OVERVIEW



01	Case Top
02	Case Bottom
03	DC Cord
04	Spec Label

ORDER INFORMATION

Product #	Voltage	Wattage
950003	12-12V DC	60 60 W

EXAMPLE

950003-12-60

The specification number immediately above can be deconstructed as follows:

- 12V 60W Class 2; Voltage-12V; Wattage-60W



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INSTALLATION

1. Mount the Unit in the required position with screwing on mounting bracket.
2. A 3 Core power cord is required, which has AC connector mating with IEC320 C13/C14 inlet of Unit.
3. Connect LED module with DC output connector according to the install manual provided by LED module or LED light supplier.
4. When installation is complete, switch on the mains supply.
5. Do NOT connect LED load(LED module) exceeding total 60W. It may cause over load problem.

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

SAFETY WARNING UNDER UL FOR USA MARKET

For USA 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.

For connection to a supply not in the U.S.A, use an attachment plug adaptor of the proper configuration for the power outlet.

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.



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AC POWER PLUGS GUIDE (FOR REFERENCE ONLY)



USA



UK/Singapore



Europe/Korea



Japan



H.K./South Africa



Switzerland



Italy/Chile



Israel



India



Australia



China



Argentina