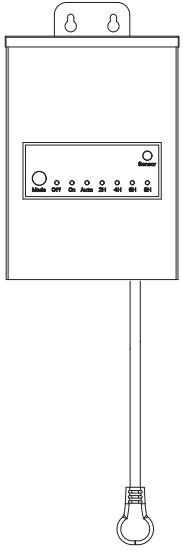
Item:
MT-100W-BK
MT-300W-SS

Low Voltage Landscape Transformer



Thank you for your purchase.
Please contact us if you have any questions, we will get back to you within 24 hours.
Please attach your Order ID so that we can serve you better.

LOW-VOLTAGE TRANSFORMER

⚠ Important safety information to reduce risk of fire injury!

1.WARNING – Risk of Electric Shock. Install power unit 5 feet (1.5 m) or more from a pool, spa or fountain.Where the power unit is installed outdoors, connect power unit to a receptacle protected by a GFCI.

2. WARNING: Risk of Electric Shock. When used outdoors, install only to a covered Class A GFCI protected eceptacle that is weatherproof with the power unit connected to the receptacle. If one is not provided, contact a qualified electrician for proper installation. Ensure that the power unit and cord do not interfere with completely closing the receptacle cover.

3. Suitable for Use with Submersible Luminaires or Submersible Pumps

4. CAUTION: FOR USE ONLY ON A BRANCH CIRCUIT PROTECTED BY A CLASS A TYPE GROUND FAULT CIRCUIT INTERUPTER

5. FOR USE WITH LANDSCAPE LIGHTING SYSTEMS ONLY

6. "THIS DEVICE IS ACCEPTED AS A COMPONENT OF A LANDSCAPE LIGHTING SYSTEM WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY CSA OR LOCAL INSPECTION AUTHORITIES HAVING JURISDICTION

7. DO NOT CONNECT TWO OR MORE POWER SUPPLIES IN PARALLEL

8. DO NOT MOUNT POWER SUPPLY OR LUMINAIRES WITHIN 3M OF A SWIMMING POOL OR SPA.

9. A cord-connect landscape lighting system shall not be used with an extension cord.

10. RISK OF FIRE, DO NOT PLACE INSULATION UNDER TERMINAL PLATE. CHECK CONNECTION AFTER INSTALLATION.

Be sure that the total cumulative wattage of all 12 volt fidures connected to the transfomer is equal to or less than 100 watt / 300 watt

⚠ **CAUTION:**This landscape light system must be installed in acoordance with all local codes and ordinanees.

-If you are experiencing problems, contact a qualifed electrician.

⚠ CALCULATION LIGHTING CAPACITY

-To make sure the maximum number of fixtures can be safely connected to this transfomner, add up the individual wattage of all the fixtures.

-The total wattage of your fixtures must not exceed output capacity of the 100 watt / 300 watt transformer.

SPECIFICATIONS

Low Voltage Transformer

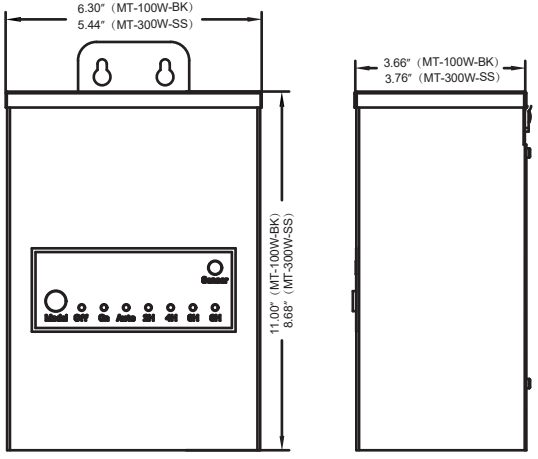
Landscape Power Unit

Model: MT-100W-BK Rated Power:100W
Input: 120V AC 60Hz , 1A
Output: 12V AC 60Hz , (8.3A MAX)

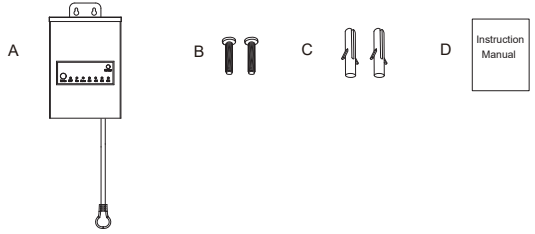
Model: MT-300W-SS Rated Power:300W
Input: 120V AC 60Hz , 3A
Output: 12V AC 60Hz , (25A MAX)

Caution: PLEASE tum off the power of the fuse box or circuit breaker before installation. Applicable for outdoor use only.Can't be used with dimmers.
Total bulb usage not to exceed 300 Watts max. “Mount at least 39 in to 59 in(1m-1.5m) above ground.”

Made in China



PACKAGE CONTENT



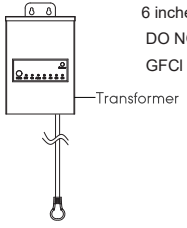
	Packing List	pcs
A	Low-Voltage Transformer	1
B	Screws	2
C	Wall Anchors	2
D	Instruction Manual	1

INSTALLATION

Operating temperature:-20 ℃ to 50 ℃
Input voltage range: 120V,60HZ

Note: WARNING -BEFORE STARTING INSTALLATION, TURN OFF THE POWER SUPPLY.

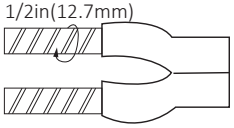
Preparation Before Installation: Ensure the transformer and power cable are ready for installation. Connect the main power cable to the transformer's COM and voltage ports.
Note: Vertically mount the transformer at least 12 inches above the ground.
Please note that the main secondary wiring isintended for shalow burial-less than 6 inches (152 mm) , Users are not allowed to use extension cords.
DO NOT plug in the transformer into an outdoor GFCI receptacle until all lights are connected.



INSTALLATION

1.Preparing the Cable

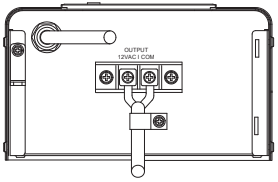
Being careful when splittng it. NOT to expose the copper cable. Remove the landscape cable insulation 1/2 inch from both cables and twist ends.

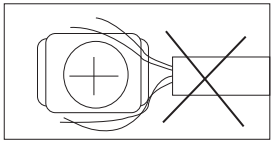


2.Connecting the cable to the Transformer

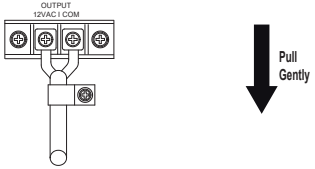
Lay the transformer on a flat, stable surface and insert one stripped end of the wire under the terminal clamping plate"COM". Then tighten the screw. Repeat this procedure for clamping plate"12V.(choose it accordingto the length and wire gauge of your cable. Referring to the following cableselection chart for more details)

Tips: ① Thread your cable through we white plastic loop to reduce its gravity.





NOTE: Gently pull on the landscape cable to verify if the connection is strong.

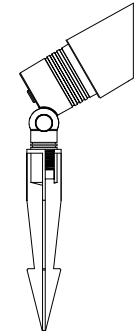


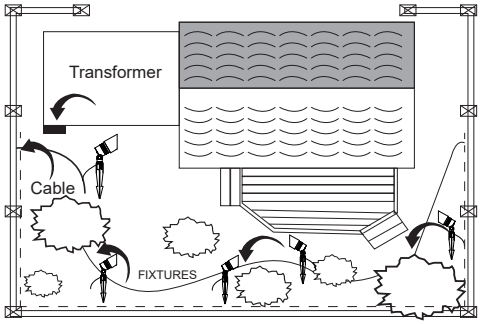
INSTALLATION

A flexible cord or cable used in the secondary output circuit of a power supply shall be at least
(a) Type SPT-2, PXWT, CXWT, LVLL, or ULEc for an output not more than 100 VA; and
(b) Type SPT-3, PXWT, CXWT, LVLL, or ULEC for an output more than 100 VA and not more than 300 VA or 25 A, whichever is less.

3.Placing Your Fixtures and Routing the cable:

Lay your fixtures (not included) to your desired location. Be sure they do not exceed the rating of the transformer. Coil the rest of the cable after the last fixture.





4.Attaching Your Fixtures

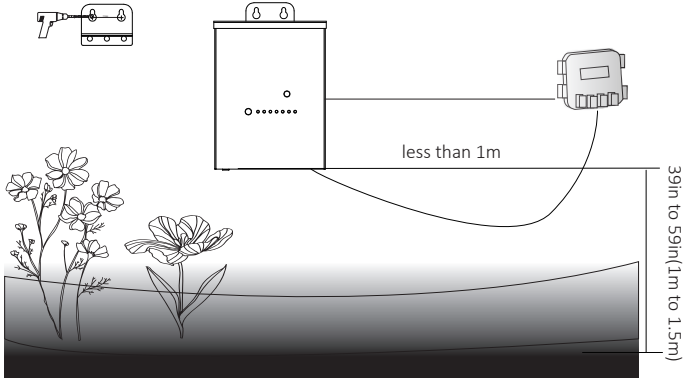
Use the cable connectors to as, your fixtures with the cable. Plug the transformer in the GFCI outlet and turn on power supply. Then the lamps will light up.

5. Mounting the Transformer

WARNING -BEFORE STARTING INSTALLATION, TURN OFF THE POWER SUPPLY.

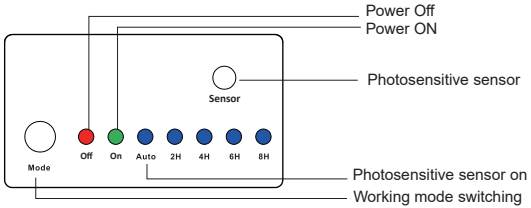
INSTALLATION

Use the screw to mount the transformer directly on a wall. 39inch to 59 inch (1m to 1.5 m) high from the ground would be suggested.The distance between the main unit and the power socket should be less than 1 m.



Panel description

1. After the product is switched on at 120V/60Hz working voltage, the software self-tests during startup (all indicator lights will be briefly lit together), and the indicator light stays in the Off normally off state after self-testing, at this time the product is in stand by state.



2.Product Operation

This transformer has three automatic methods to turn on and off:

①.On or off with the power switch button.

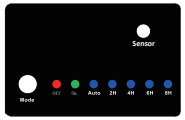
②.Turn off the power supply by clock timing.

③.Control on or off by photo sensing.

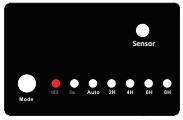
④.12V AC power supply can be directly with light belt.

OPERATING INSTRUCTION

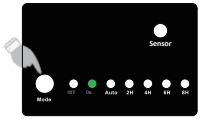
3.OPERATING INSTRUCTION



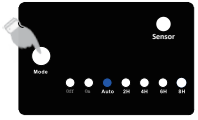
1.Software self-check indicator status during startup



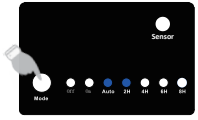
2. After the self-test is completed, the standby state will be on



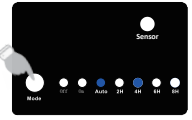
3.In the standby state, press the Mode key for the ① time to turn On the normal mode



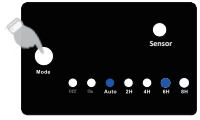
4.Mode key Press for the ② time to enable the optical sensing mode. Then the Auto indicator is on



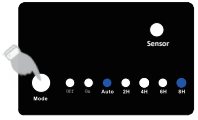
5.Press the Mode key for the ③ time to enable the light sensing mode In this case, the time is Auto and 2H Indicator light



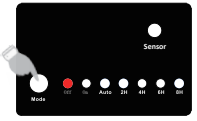
6.Mode key Press ④to enable the optical sensing mode When thetiming is 4H, the Auto and 4H indicators are on



7.Mode key to enable ⑤the optical sensing mode for the fitih time When the timing is 6H, the Auto and 6H indicators are on



8.Press the Mode key for the ⑥ time to turn on the light mode When the timing is 8H, the Auto and 8H indicators are on



9.Press the Mode key for the ⑦ time to turn on the standbymode when the Off indicator is on

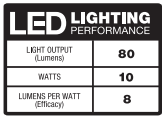
OPERATING INSTRUCTION

TRANSFORMER SELECTION GUIDE

1.Count the Total Number of Lights to Be Connected to Transformer

X

2.Find Wattage on Lighting Performance Chart on Back of the Light Fixture Packing



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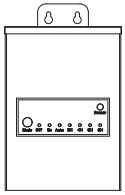
3.Select a Compatible Transformer



Note: The wiring can consume up to 20% of the available wattage. It is recommanded not to exceed 240 Watts of lights for a 300W Transformer.

EXAMPLE:

20 Lights X 10 Watts = 200 Watts

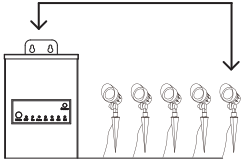
Light Wattage — Total Wattage

300 Watts

Transformer recommended for this example

WIRE SELECTION GUIDE

Measure the distance from the transformer to the last light



EXAMPLE:

200 Watts of Lights over 50 ft of Wire

200 X 50 = 10,000

Total Wattage of Lights — Length of Wire — Wire Value

TROUBLE SHOOTING

1.The transformer has a power-off memory function. When the transformer poweron again, the transformer will enter the working mode before the power failure.

2.Over temperature protection

If the total power of the connected lights exceeds the transformer's rated output power, it will cause the transformer's temperature to become too high. When the temperature exceeds 105°C, the transformer will trigger over-temperature protection and disconnect the input power supply.

Troubleshooting steps:

① Disconnect the transformer's input power lines;

② Reduce the number of connected lights so that their total power is less than the rated power;

③ Wait patiently for the transformer's temperature to return to normal, which usually takes 2 to 3 hours;

④Reconnect the input power to reset.

TROUBLE SHOOTING

3.Short-circuit protection

In case of a short circuit at the output, the transformer will trigger a short-circuit protection and disconnect the input power within one second.

Trouble shooting steps:

① Disconnect the transformer's input power supply;

② Check if the connected lights or the output lines have a short circuit and eliminate the fault;

③ After resolving the issue, reconnect the input line to reset.

How to order additional lengths of wire for connection in the secondaryPlease refer to the following chart.

12Volt Transformer TerminalTermi de transformador de 12 Voltios

Total Fixture WattageVataje total de la lịmpara	Cable LengthLargo del cable	Wire GaugeCalibre del cable
1-120	50ft	16
121-240	50ft	14
241-300	50ft	12
0-60	100ft	16
61-120	100ft	14
121-240	100ft	12
0-60	150ft	14
61-120	150ft	12

15Volt Transformer TerminalTerminal de transformador de 15 Voltios

Total Fixture WattageVataje total de la lịmpara	Cable LengthLargo del cable	Wire GaugeCalibre del cable
1-120	100ft	16
121-240	100ft	14
241-300	100ft	12
0-60	150ft	14
61-120	150ft	12

ONE-YEAR LIMITED WARRANTY

We warrant this product to be free from defects in material and workmanship for a period of one year from the date of purchase.Warranty will be void if damage is due to misuse or improper installation.Our dedicated customer service team will get back to you within 24 hours.