



Project Name \_\_\_\_\_ Date \_\_\_\_\_

Type or Model \_\_\_\_\_ Qty \_\_\_\_\_

# AMP iQ™ Smart 300W LED Transformer BDL-SM-ATR-300-SS

## PRODUCT DESCRIPTION

Built for professional-grade performance, the AMP® iQ™ Smart Transformer has 300W capacity with 12V & 15V output to simplify installations. Clamp-type connections - fast, easy, and robust. Stainless steel cabinet with hinged lockable door. Magnetic toroidal core for quiet operation. The AMP iQ™ Smart transformer is Bluetooth enabled and is a key component any AMP iQ™ system installation. Hassle-free Lifetime Warranty. ETL® Listed.

Integrated into the AMP iQ™ smart lighting platform, this transformer connects through a Bluetooth® mesh network and is controlled with the easy-to-use, intuitive AMP iQ™ mobile app, enabling system-wide organization and control through zones, groups, scenes, and automations. Allowing precise control of brightness, colors and tunable white temperatures. AMP iQ™ is the only Lifetime Warranty Smart Platform in the landscape industry.

## KEY BENEFITS

- AMP iQ™ Smart system device.
- Bluetooth enabled and for exclusive use with AMP iQ™ lighting fixtures and devices.
- Equipped with Bluetooth indicator green light, solid Bluetooth is enabled, off Bluetooth is not active. Easy visual confirmation through front window.
- Combines high-capacity 300W power with smart system control in one enclosure, reducing system complexity and installation time.
- Control with the AMP iQ™ Smart Landscape Lighting app.
- Heavy-duty stainless steel construction with lockable hinged lid.
- Toroidal core for reliable, efficient, cooler and quieter operation.
- Clamp-connects for easy, fast, and secure connections.
- Main power button and low voltage circuit breaker.
- Six 15V and six common taps.
- The AMP iQ™ Transformer should be located within 75' of the AMP iQ™ Gateway for peak performance and connectivity.
- Unlimited number of zones available, zones are controlled by the AMP iQ app.
- Automations, scheduling, zones, groups and scenes are controlled by the AMP iQ app.



## SPECIFICATIONS

- **Construction:** Stainless Steel housing with clear window for visual check of connectivity
- 60" 18 AWG SJTW water-resistant cord and plug set with 120V plug
- Six 15V and six common taps including 2 oversize lug taps.
- ETL Listed for both indoor and outdoor use.
- Takes up to 10-gauge wire.
- Input Voltage: 120V 60 Hz
- Secondary circuit protection: 300W, 25A Breaker

## WARRANTY

Lifetime Warranty

## CERTIFICATIONS



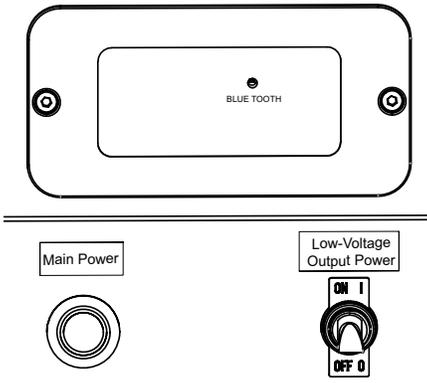
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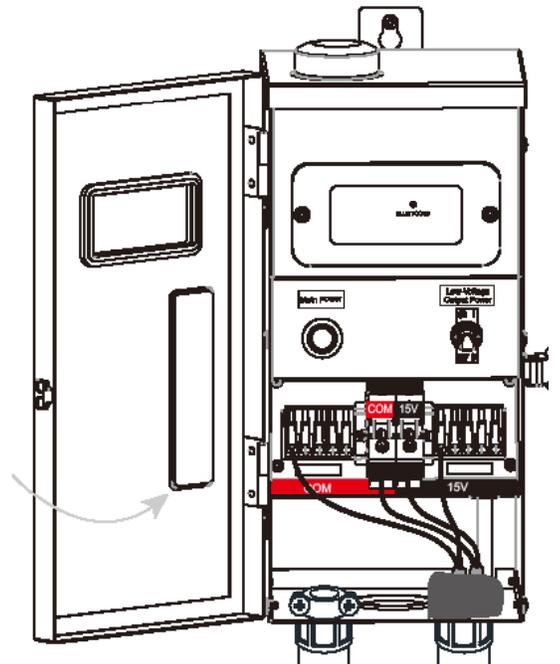
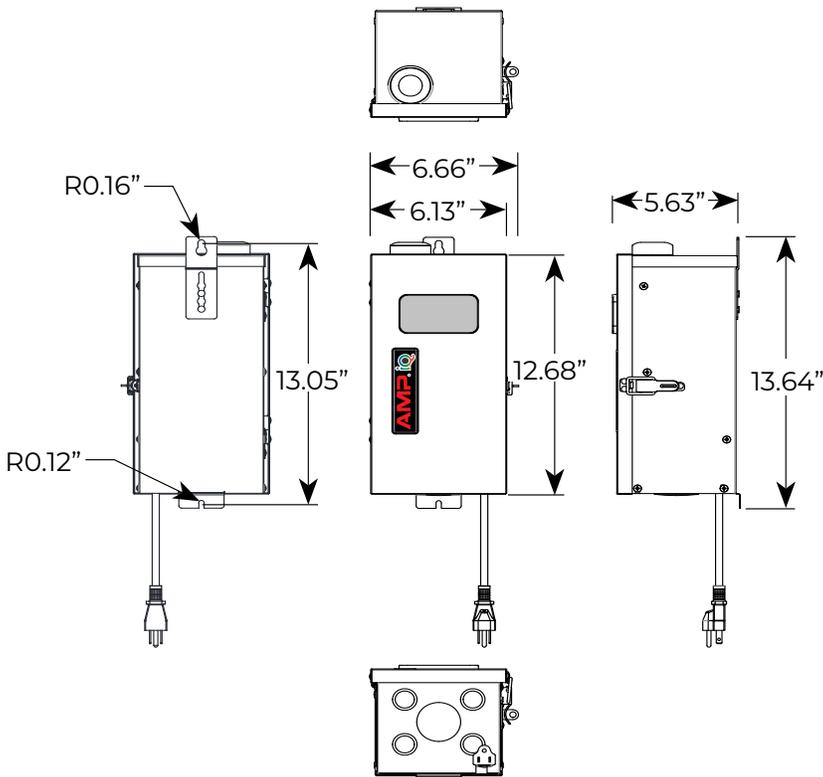
## BDL-SM-ATR-300-SS

### PRODUCT DIMENSIONS



Refer to the following table for indicators / buttons descriptions.

No.	Indicator/ Button	Description
1		Bluetooth Indication Light (Green) - ON: Bluetooth mesh is up and running. - OFF: Bluetooth mesh is not active; transformer is only providing power.
2		Main Power - Press to turn ON / OFF the transformer.
3		Low Voltage Output Power (Over-current Protection Switch) - This switch should be in the ON position during normal operation. When an over-current condition exists, the switch automatically turns OFF to remove power to the fixtures. After reducing the circuit load appropriately, the switch must be placed in the ON position, and the fixtures will resume normal operation.





## AMP iQ™ Smart 300W LED Transformer BDL-SM-ATR-300-SS

### TECHNICAL SPECIFICATIONS

The AMP iQ™ Lighting System is a complete, ecosystem-based solution where every component works together within a secure Bluetooth® mesh network. AMP iQ™ lighting fixtures, gateways, and transformers are engineered to communicate seamlessly, enabling advanced control, effects, and automation across an entire property. To ensure optimal performance and reliability, all system installations must use AMP iQ™ approved devices and the AMP iQ™ app.



- **Connectivity:** Bluetooth® 5.0 mesh network
- **Wireless Range:** Up to 100 ft fixture-to-fixture (line of sight), depending on fixture type
- **Network Type:** Self-healing mesh for reliable system communication
- **Wi-Fi Requirement:** 2.4 or 5.0 GHz Wi-Fi required for gateway connectivity
- **Control:** AMP iQ™ App (iOS® & Android®)
- **Cloud Access:** Secure, U.S.-based cloud infrastructure for remote control & automations
- Requires an AMP iQ™ Gateway attached to a Wi-Fi network for remote access and scheduling
- **System Compatibility:** Requires AMP iQ™-compatible fixtures, devices and the AMP iQ™ app.
- Proper voltage levels at 11V to 16V for each device is required to maintain a robust system and reliable operation.

