



Product Description

Fluorescent Light Tube Ballast

Fluorescent light tube ballast is control gear which is an important component in igniting and running fluorescent tubes by providing the necessary voltage and current. Ballast of tube light also regulate the current to make sure the lamps can work safely and efficiently. Typically there are two types of ballasts, namely, electromagnetic ballast and electronic ballast.

Advantage

1. Safety and reliability

- Overloads prevention

Todaybulb's ballast of tube light limits current flow to fluorescent lamp, protecting it from overheating and potential electrical failure.

- Light output stability

Todaybulb's tube ballast regulates current to ensure consistent brightness output and reduce flickering for better visual experience.

2. Energy efficiency

- Less power consumption

Todaybulb's electronic ballast for tube light consume less power than fluorescent lamp magnetic ballast, making lower energy cost.

- Luminous efficacy improvement

Todaybulb's electronic ballast for tube light can run lamps at higher frequency (above 20kHz), leading to higher luminous efficacy.

3. Performance benefits

- Instant start & lower cost

Compared to fluorescent lamp magnetic ballast, electronic ballast for tube light is higher level control gear with rapid start, long lifespan and lower maintenance cost.

4. Various powers and size

Todaybulb's ballasts have different wattage, like 15 watt T8 ballast, 18 watt ballast, 40 watt UV ballast, 58W ballast and so on.

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Magnetic ballast



Electronic ballast



Various powers and sizes

Feature

- ✓ Match with different types of light fixtures
- ✓ Instant start, rapid start & programmed start
- ✓ Reduce flickering and improve visual experience
- ✓ Safety and reliability
- ✓ current regulation
- ✓ Energy efficiency
- ✓ Dimming capability
- ✓ Various wattage and sizes

Application

Todaybulb's ballast typically has two types, which are electronic ballast for tube light and fluorescent lamp magnetic ballast, with different wattage and sizes to fit in various types of tube light fixture, such as:

- Fluorescent light fitting
- Waterproof light fixture
- Ceiling light fixture

The safe and reliable 18W electronic ballast, 36W magnetic and 1000 watt magnetic ballast are compatible with linear fluorescent lamp, circular fluorescent tube, compact fluorescent lamp, and HID lamp, which are commonly used in commercial space and residential areas.

· Commercial space

Offices, Retail Stores, Warehouse: fluorescent lamp with ballast is safe and efficient with stable brightness output which is suitable for commercial sites.

· Residential areas

Basement and Kitchen: fluorescent tube with ballast is also an option for home lighting, with lower maintenance cost and easy installation.

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Waterproof Light Fixture



Fluorescent Light Fitting



Ceiling Light Fixture

Specification

Model	Power	No. of Lamps	Material	Power Factor	Voltage (V)
FLT-BALLAST MAGNETIC	15W	Single	Alu./Copper	0.5	110-130V/220-240V
FLT-BALLAST MAGNETIC	18W	Single	Alu./Copper	0.5	110-130V/220-240V
FLT-BALLAST MAGNETIC	30W	Single, Double	Alu./Copper	0.5	110-130V/220-240V
FLT-BALLAST MAGNETIC	36W	Single, Double	Alu./Copper	0.5	110-130V/220-240V
FLT-BALLAST MAGNETIC	58W	Single	Alu./Copper	0.5	110-130V/220-240V
FLT-BALLAST ELECTRONIC	1/2*14W	Single, Double	Plastic/Iron	0.5/0.9	110-130V/220-240V
FLT-BALLAST ELECTRONIC	1/2*21W	Single, Double	Plastic/Iron	0.5/0.9	110-130V/220-240V
FLT-BALLAST ELECTRONIC	1/2*28W	Single, Double	Plastic/Iron	0.5/0.9	110-130V/220-240V
FLT-BALLAST ELECTRONIC	1/2*18W	Single, Double	Plastic/Iron	0.5/0.9	110-130V/220-240V
FLT-BALLAST ELECTRONIC	1/2*36W	Single, Double	Plastic/Iron	0.5/0.9	110-130V/220-240V
FLT-BALLAST ELECTRONIC	1/2*58W	Single, Double	Plastic/Iron	0.5/0.9	110-130V/220-240V