

# Fluorescent Lamp Electronic Ballast

Electronic ballasts are designed for operating fluorescent lamps. They support a voltage range of 220-240VAC at 50/60Hz.



## Overview

### High-Performance Electronic Ballast

This electronic ballast is engineered for reliable operation of fluorescent lamps across a variety of power and voltage configurations. Designed for professional lighting applications, it features high power factor performance and low harmonic distortion to ensure energy efficiency and stable light output. Built to comply with international safety and electromagnetic compatibility standards, it is suitable for diverse installation environments.

## Technical Specifications

### Performance Metrics (Model FL 2X18/20W)

**0.98**

Power Factor

**20 %**

Total Harmonic Distortion (THD)

**500 V**

Output Voltage

### Performance Metrics (Model FL 2X36/40W)

**0.98**

Power Factor

**15 %**

Total Harmonic Distortion (THD)

**500 V**

Output Voltage

### Operating Environment

- Ambient Temperature (Ta): -25 to 50°C
- Case Temperature (Tc): <70°C

## Compliance & Certification

### Energy Efficiency Index

EEl: A2

### Executive Standards

EN61347-1:2001, EN61347-2-3:2001+A1+A2, EN61000-3-2:2006, EN55015:2006, EN61547:1995+A1, EN61000-3-3:1995+A1+A2

## Product Variations

### Voltage Compatibility

- 110-127V 50/60Hz
- 220-240V 50/60Hz