

Digital/Electronic ballast > Street lighting ballast >

## HPS 250W electronic ballast specification

**Power:** 250W

**Ignition Voltage:** autoV

**Lamps:** ☐ MH ☒ HPS ☐ MH&HPS ☐ UV ☐ COSMO

**Voltage Range:** **DC:** ☐ 12v ☐ 24v ☐ 36v ☐ 42v ☐ Other  
**AC:** ☒ 110V ☒ 230V ☐ 347V ☐ 400V  
☐ 95V~265V

**Ballast Working** ☐ low frequency squire waves

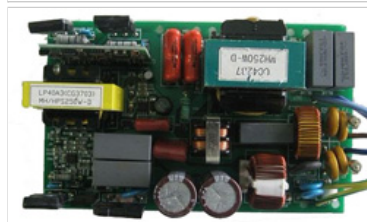
**Frequency:** ☒ high frequency  
☐ super high frequency

**Application:** ☐ hydroponic greenhouse  
☐ indoorgaden  
☒ outdoor  
☒ street/road lighting  
☐ solar ligting  
☐ commercial lighting

**Protection:** ☒ Open Output ☒ Short Circuit  
☒ Ignition Failure ☒ Thermal  
☒ End of Lamp Life ☒ Overflow Current  
☒ Over/Low Voltage  
☒ High/Low Temperatures

**Dimmable:** ☒ Yes ☐ No  
☒ 0~10V ☒ PWM  
☒ Dimmer(50%,75%,100%,superlum)

**Remote Control:** ☒ Yes ☐ No  
☒ Wireless(RF-signal+Remoter)  
☒ Wired(RS232/485+DALI/PLC+PC/MP)



### Characterization

1.HPS 250W electronic Ballast 2.,high power factor and high light effect 3.super good quility,full protection 4.easy startup, stable performance,long lifetime. 5.5 years guarranty (three years full and two years prorated)

### Street lighting ballast

MH 150W low frequency electr  
MH 400W electronic ballast  
MH 250 electronic ballast  
HPS 400W electronic ballast  
HPS 250W electronic ballast  
HPS 150W electronic ballast  
HPS 100W electronic ballast  
HPS 70W electronic ballast s

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### Technical Data

Model	HPS-250W-D
Lighting source type	250W
Input voltage	110/220VAC
Input power	262W
Power factor	≥0.95
Instant voltage sag	30%
Range of operating voltage	95~265VAC
Total harmonic current distortion	<10%
Operating temperature	-20℃~+50℃
power efficiency	95%
Dimension (L×W×H)	191mm×111mm×68mm
Net weight	1.10kg
Dimmable	PWM/0-10VDC/RS485/TTL/Dimmer
Warranty	5 years (three years full and two years prorated)

### Technical Description

- Professional patented control software , simple circuit and stable performance
- Wide range of operation voltage, suitable for large voltage fluctuation circumstances

- Low voltage to start, suitable for low voltage circumstances
- High efficiency >90%, save energy
- High power factor, reduce initial installation cost
- Able to keep constant output power with input power fluctuates
- Long line driven
- High quality of illumination, no flicker
- Low total harmonic current distortion, less impact on power network
- Full protection: protection for open circuit, short circuit and hot lamp restart
- Low temperature rise, applicable to wide range of environmental temperature
- Light weight
- Easy installation, without out-side starter and capacitor

## Mounting Diagram

