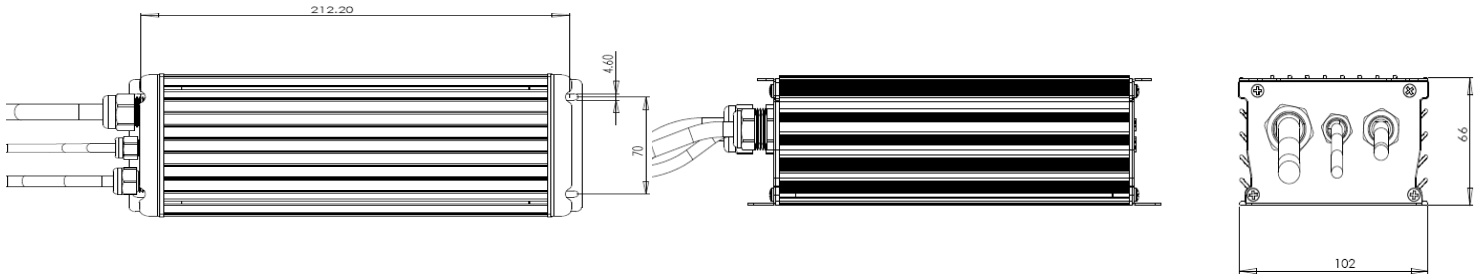


EHID - Electronic Ballasts for HID Lamps

EHID 250W – Technical Datasheet – IP65 Case



Lamp			Ballast							Line		
Rated Power	Type	Rated Current	Frequency	Type	Current (@230V)	Losses	Ta	Tc	Wt.	Ref.No.	Control	Input Power
W			Hz		A	W	°C	°C	Kg.			W
250W	HPS/MH	3.00	83 (Sq. wave)	EHID 250W	1.12- 1.22	17	45	65	0.93	800.250	-	265
										801.250	DALI	
										802.250	MidNight	
										804.250	PLC	



Technical Features – Summary

Electrical Input Data:

- 220-240V ±10% 50-60Hz / DC
- No inrush current
- Constant power consumption
- PF > 0.98
-

Electrical Output Data:

- Ignition voltage- 4Kv pulses
- Lamp current – LFSW (83Hz)
- Stable lamp power output

Protections:

- Protections at end of lamp's life (**EOL**): DC, cycling, ignition failure, external arc, etc'
- Protections at **abnormal mains** conditions (over-voltage, under-voltage)
- Protections at lamp **short circuit**
- Fuse protection
- IP 65 casing is available

Temperature control:

- Automatic **power reduction** when internal temperature exceeds 85°C
- Total **shutdown** when internal temperature exceeds 90°C

Special features:

- Continuous dimming (HPS lamps - down to 30% of nominal power, MH lamps - down to 50% of nominal power)
- Lamp operates at low frequency square wave (83HZ)
- Precise ignition regime
- Exceptionally low ballast losses
- Operate all types of lamps: MH (quartz & ceramic), HPS and Mercury lamps
- Complete digital control by single microprocessor

More information available:

- Introduction leaflet
- Communication datasheet
- Manual guide
- MidNight guide