

## Grow Light 600W Electronic Ballast



Performance Description		
Model		HLB-600SW-400V
Rated Power		600W
Input	Voltage Range	342Vac-420Vac
	Rated Voltage	380Vac/400Vac
	Current	1.66A@380Vac   1.58A@400Vac
	Frequency	50~60Hz
	Power	632W±5%
	Power Factor	≥0.97
	THD	<10%
	Inrush Current	30A
Output	Frequency Type	Super High Frequency
	Frequency	>95k Hz
	Power	600W±5%
	Current Crest Factor	<1.7
	Open Circuit Voltage	<300V
	Ignition Voltage	3.5~5kV
	Required Lamp Voltage	180-230V
	Efficiency(@380Vac)	>96%
Protection	Short Circuit	Yes
	Open Circuit	Yes
	Ignition Failure	Yes
	End of Lamp Life(EOL)	Yes
	Overheated	Yes
	Soft-start	Yes
	Over Voltage	Yes
Lamp	Lamp Type	SE/DE 600W 400V HPS Lamps
	Lamp Power	600W
	Lamp Voltage	180V-230V
	Distance to Ballast	<4.5m
Physical Description		
Dimension(L*W*H) mm		180x151x58
Net Weight		0.771kg
Ventilation		No
Waterproof Grade		IP20
Working Humidity		10%~90%
Operating Temperature Range		-20℃ ~ +40℃
Max Case Temperature		<80℃
Internal Temperature Rise		<30℃
Certificate and Standard		
Certificate		CE, RoHS
Safety Regulation		
Quality Standard		
Environmental Standard		

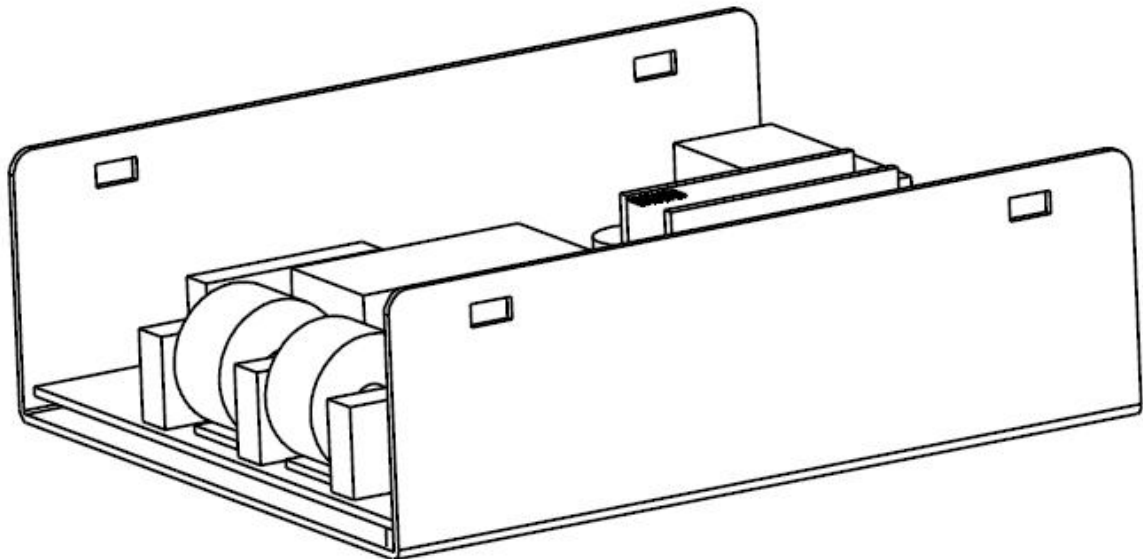
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For SE/DE HPS Lamps

### Key Features

- 380Vac/400Vac sensing input, 50/60Hz
- Easy installation, low profile
- High standard components to bear large amperes, produce less heat, and offer reliability and performance
- Soft start
- Microchip Inside for precise control
- Constantly output power when the voltage is fluctuating
- Super High Frequency, fully compatible with SE/DE 600W 400V HPS lamps
- Multi-protections: Open/Short circuit protection, High/Low voltage protection, Thermal protection, Hot-start protection
- Prolong lifetime of lamp at least 10%
- Energy saving up to 30%-50% compared with MAGNETIC BALLASTS
- Running cooler than other digital electronic ballasts in the market
- Low EMI compared with other electronic ballasts
- High Power Factor, and less than 10% Total Harmonic Distortion
- 2 years factory warranty
- CE, RoHS certificates

### Product Design



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Note: 1. Remote dimming 0-10v control by request 2. LED Status Display by request 3. DE=Double Ended; SE= Single Ended