

## WEX120-1000B

110~240V 1000W Digital Ballast run for HPS and MH lamps

### Used in these fields:

**Greenhouse Lighting**  
**Hydroponics Lighting**



### Features

- Run for HPS and MH lamps
- High power factor:  $PF \geq 0.98$
- Low harmonic: General harmonic  $THD \leq 10\%$
- High light efficiency
- Low power consumption
- Constant output of power: Constant output of power and light when voltage varies between  $-15\% \sim +15\%$  of rating voltage
- Protection functions: Open circuit and short circuit protection functions available.
- Easy installation: Easy to hang the lamp, no need any external starter and compensation capacitor.
- Completely silent: no more humming and buzzing
- Working temperature:  $-10^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- Approval: UL, CUL, EMC, ROHS

### Suitable Bulbs

1000W HPS/MH bulb of America standard

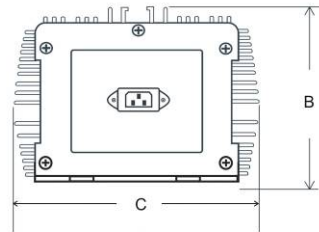
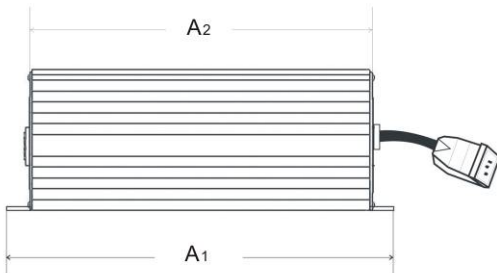
## Electrical Performance

Data is based on operating a standard 1000W MH/HPS lamp. Supply power is based on a typically commercial 120V/60Hz.

Model	Rating Voltage (V)	Input Power (W)	Input Current (A)	Power Factor	THD	Safety Voltage (V)	Lamp Power (W)
WEX120-1000B	120	1060	8.84	$\geq 0.98$	$\leq 10\%$	110~240	1000

## Dimension

A1:404mm A2:364mm B: 97mm C: 135mm



## Caution Instructions

- **Only professional persons allowed to do below operation**
- Before assembly & maintenance, please make sure the power is cut off.
- Before connecting the cord, check the voltage is ok, check the cross section of cord is sufficient. Connect earthing cable before connecting other cables.
- This product must be equipped with right HPS and MH lamps as to get higher efficiency, safety and more luminance output.
- The product is for indoor use only.
- Suitable environmental temperature is about  $-10\sim+40^{\circ}\text{C}$
- In order to avoid shaking, Digital Ballast should be fixed well. Any falling can cause damage or body hurt



*Welthink Lighting*

Welthink reserves the right of final interpretation about this document.

*Welthink Lighting*