**Features:**

- 100-240V AC input
- Single Output
- 85% high efficiency
- 100% full load bur-in test
- Protection: OTP, OLP, OVP, SCP
- CE ROHS Certified
- 3 year warranty

**Applications:**

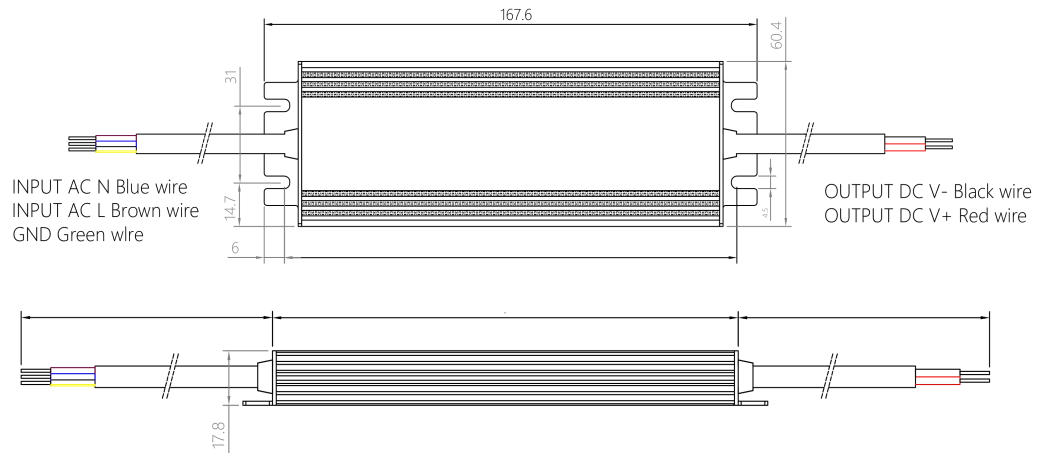
- Outdoor LED lighting
- LED office lighting
- LED commercial lighting
- LED decorative lighting

**Specifications**

| Product Code |                             | CLPS60-W1V12  | CLPS60-W1V24 |
|--------------|-----------------------------|---|--------------|
| Output       | DC Voltage                  | 12V   | 24V          |
|              | Rated Current               | 5A  | 2.5A         |
|              | Current Range               | 0~5A  | 0~2.5A       |
|              | Voltage tolerance           | ±5%   | ±5%          |
|              | Rated Power                 | 60W   | 60W          |
|              | Ripple & Noise              | <120mVp-p   | <150mVp-p    |
|              | Set-up, Rise , Hold-up Time | 200ms, 100ms , 30ms   |              |
| Input        | Input voltage range         | 100-240 VAC   |              |
|              | Frequency Range             | 50~60Hz   |              |
|              | AC Current                  | 1.02A / 115VAC; 0.51A / 230VAC  |              |
|              | Efficiency                  | 85%   | 88%          |
|              | PF                          | 0.6   |              |
| Protection   | Over Load                   | <b>Above 110%-150% of rated power</b>   |              |
|              |                             | Shut-down output voltage, auto recovery after fault condition is removed                                      |              |
|              | Over Voltage                | <b>Above Max. Voltage (105% of rated voltage)</b>   |              |
|              |                             | Shut-down output voltage, auto recovery after fault condition is removed                                      |              |
|              | Over Temperature            | <b>Over 130°C detected on main IC control</b>   |              |
| Ambiant      | Working Temp. & humidity    | "-20°C~+60°C, 20%~90%RH   |              |
|              | Storage temp. & humidity    | "-40°C~+85°C, 10%~95%RH   |              |
| Tesings      | Withstand voltage           | I/P-O/P: 1.5KVAC/1min; I/P-F/G: 1.5KVAC/1min; O/P-F/G: 0.5KVAC/1min;  |              |
|              | Safety                      | GB4943 ;IEC60950-1; EN60950-1   |              |
|              | EMC                         | EN 55032:2015+A11:2020<br>EN IEC 61000-3-2:2019+A1:2021<br>EN 61000-3-3:2013+A2:2021<br>EN55035:2017+A11:2020 |              |
|              | LVD                         | EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013  |              |
| Others       | Demension(L*W*H)            | 168*60.5*18mm   |              |
|              | Packing                     | 0.35kg/pcs, 72pcs/25kg/CTN  |              |

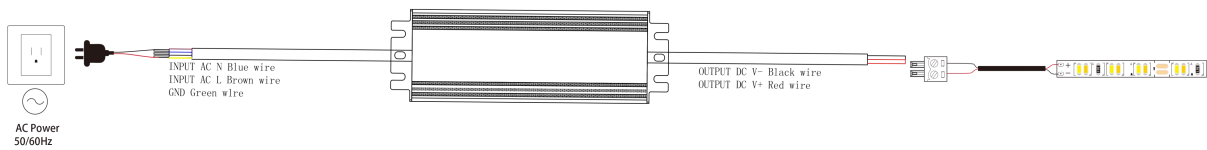
## Mechanical Structures

### ■Drawing & Installation Hole

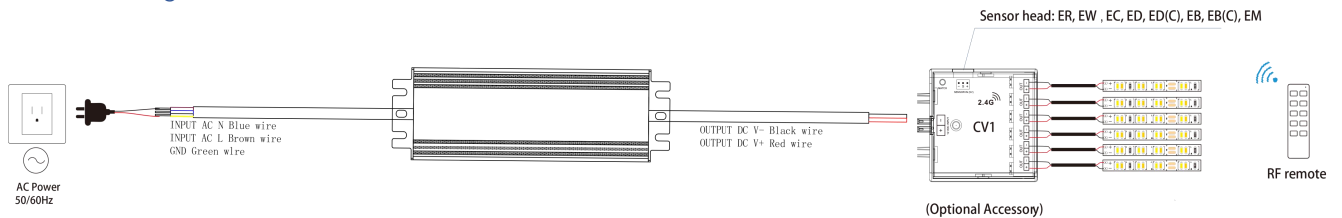


## Wiring Diagram

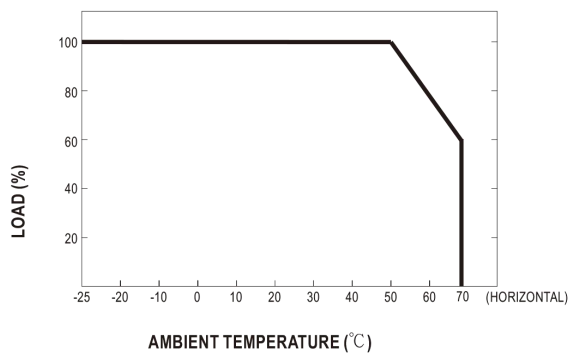
### 1. Without Dimming



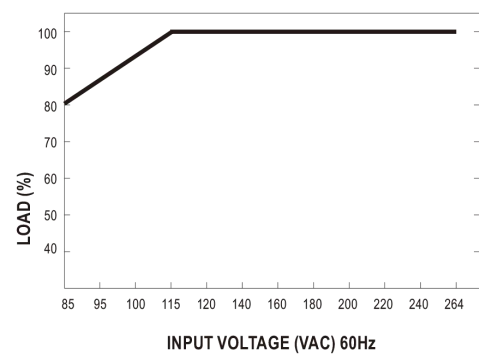
### 2. With Dimming



### ■Outputload VS Temperature



### ■Static characteristic



### Notes:

1. The above mentioned data were measured at 230VAC input and 25°C.
2. Dis-connect the AC input before checking any mal-phenomenons.
3. Make sure the INPUT&OUPUT were in right situation before connected to power supply.
4. Datasheet for reference only. We suggest you take sampling before mass orders.