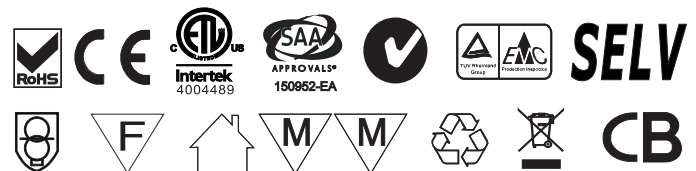


## Product features

- Adopts PFC circuit scheme, high factor and low harmonics
- Full-isolation driver
- Short circuit, over current and over voltage protection
- Global multi-national certification optional (ETL, TUV, SAA, CB, CE)
- Conform to international lighting safety standards
- 5 years quality warranty
- Uses glue and aviation iron shell, for more effective heat dissipation



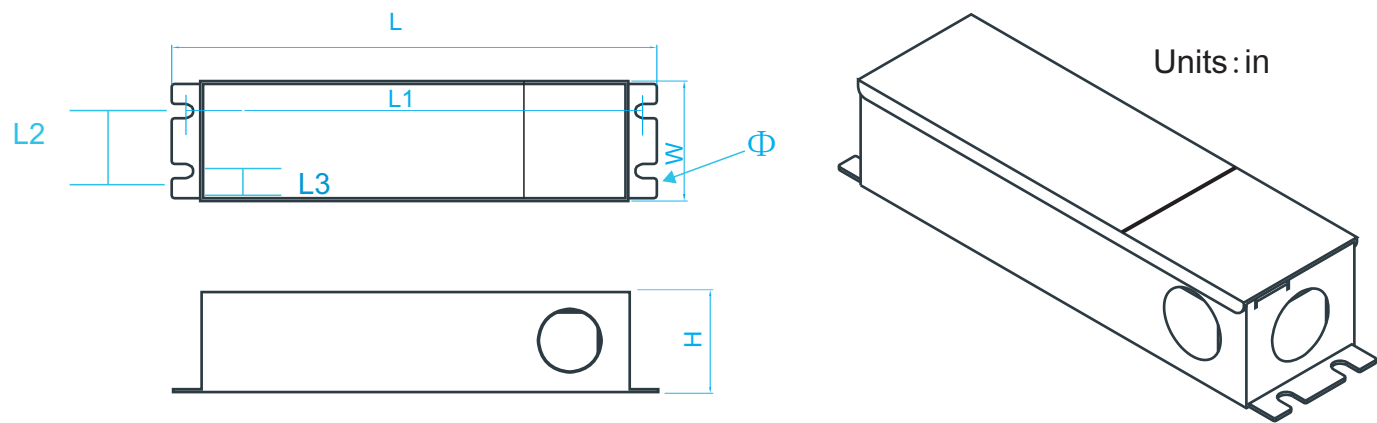
## Electrical specifications



|            |                      |                                                                                     |       |
|------------|----------------------|-------------------------------------------------------------------------------------|-------|
| Input      | Voltage range        | 90-130V/AC                                                                          |       |
|            | Frequency range      | 50-60Hz                                                                             |       |
|            | Power factor         | >0.95                                                                               |       |
|            | Full load efficiency | ≥85%                                                                                |       |
|            | AC current           | 0.2A                                                                                |       |
| Output     | Rated current        | Constant Voltage                                                                    |       |
|            | Rated current        | 1600mA                                                                              | 830mA |
|            | Current accuracy     | ±10%                                                                                | ±10%  |
|            | Output voltage       | 12V                                                                                 | 24V   |
|            | Rated power          | 20W                                                                                 |       |
| Protection | Short circuit        | Intermittent restart mode, after the exception can be automatically restored        |       |
|            | Overcurrent          | Hiccup mode, after the removal of abnormal flow can be automatically restored       |       |
|            | Overvoltage          | Hiccup mode, after the exception of abnormal pressure can be automatically restored |       |

|             |                                 |                                                |
|-------------|---------------------------------|------------------------------------------------|
| Environment | Operating Temperature /humidity | -30-45°C,5-95%RH                               |
|             | Storage Temperature /humidity   | -40-70°C,5-95%RH                               |
|             | Temperature coefficient         | ±0.03% / °C(0-50°C)                            |
|             | Vibration                       | 5-55Hz/2g, 30 Mimutes                          |
| Safety      | Safety                          | EN60598                                        |
|             | Pressure                        | I/P-O/P:3KVAC IP-FG:1.88KVAC O/P-FG:0.5KVAC    |
|             | Insulation resistance           | I/P-O/P I/P-FG O/P-FG:100MΩ /500VDC/25°C/70%RH |
|             | EMC Emission                    | EN55022, EN55015 Class B                       |
|             | EMC Immanity                    | EN61547, ENV5024, EN61000-4-2/3/4/6/8/11       |
| Other       | Net weight                      | 473g                                           |
|             | Size                            | L 6.7" * W 1.65" * H 1.37"                     |

Shell structure



| Unit: in | Overall Size |       |        | Installation Size |                 |        |                   |
|----------|--------------|-------|--------|-------------------|-----------------|--------|-------------------|
| Model    | length       | width | height | vertical spacing  | lateral spacing | margin | mounting aperture |
| 8220-JB  | L            | W     | H      | L1                | L2              | L3     | Φ                 |
|          | 6.7"         | 1.65" | 1.37"  | 5.9"              | 0.86"           | 0.4"   | 0.21"             |

## Wiring diagram

