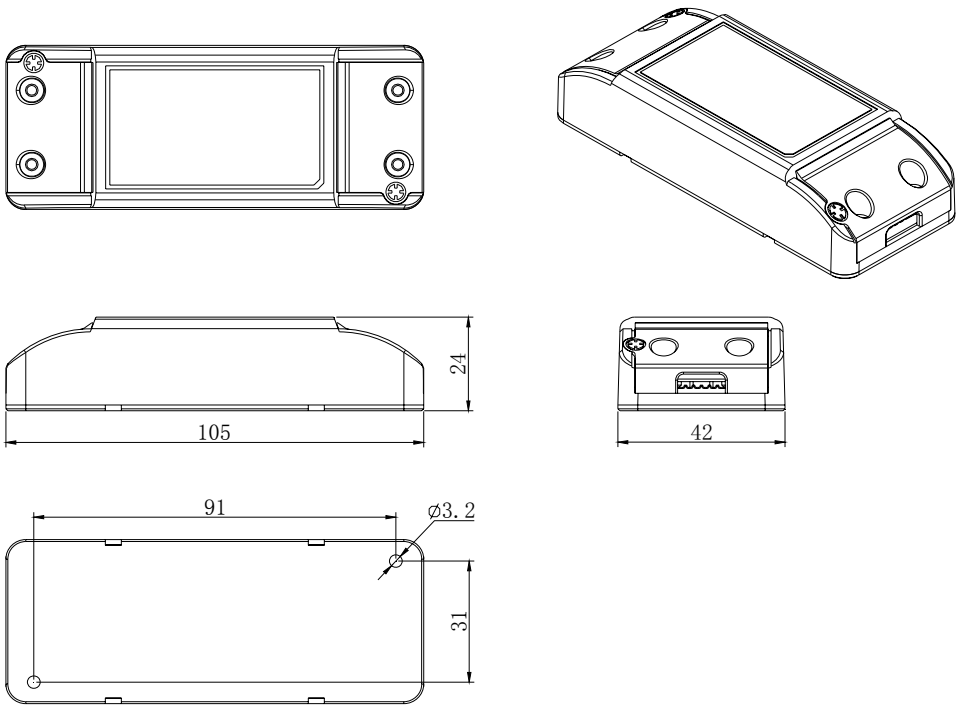
▲Constant current design
▲Input Voltage 220-240VAC
▲Protections: short circuit/over load/over voltage/over temperature
▲IP20 Ingress protection
▲Power Factor ≥0.9
▲Efficiency ≥74%
▲Class II，SELV，independent
▲Leading edge & trailing edge dimmable
▲3 years warranty

SELV

## SPECIFICATION

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Input | Rated input voltage | 220-240VAC | | | | | |
| | Range of input voltage | 198-264VAC | | | | | |
| | Frequency(Hz) | 50/60 Hz | | | | | |
| | Power Factor | ≥0.9@220-240VAC | | | | | |
| | Input Current max | 0.05A MAX @Full Load,198VAC | | | | | |
| | Start-up time | <0.5S | | | | | |
| | Unload Power Consumption | ≤1W | | | | | |
| | Inrush Current | 10A MAX. @Full Load,240VAC | | | | | |
| | Leakage Current | ＜0.5mA(240VAC) | | | | | |
| Output | Constant Current *Note.3 | 150mA | 300mA | 350mA | 500mA | … | 700mA |
| | Unload voltage Max. | 50VDC | 30VDC | 25VDC | 20VDC | … | 16VDC |
| | Voltage Range(VDC) | 26.5-42VDC | 13-20VDC | 11.5-17.5VDC | 8-12VDC | … | 5.6-8.6VDC |
| | Rated power | 6.3W Max. | 6W Max. | 6.1W Max. | 6W Max. | … | 6W Max. |
| | Current Accuracy | ±5% | | | | | |
| | Voltage Regulation | ±3% @Full Load | | | | | |
| | Load Regulation | ≤5% | | | | | |
| | Hold-up Time | 1s max.@Full Load | | | | | |
| | Ripple& Noise *Note.2 | ＜60mAp-p | ＜120mAp-p | ＜140mAp-p | ＜200mAp-p | … | ＜420mAp-p |
| | Efficiency | ≥74%@Full Load,240VAC | | | | | |
| Dimming | Dimming mode | Triac，Leading edge & trailing edge dimmable | | | | | |
| | Recommend Dimmer | EU: BERKER 2873；JUNG 225 NV DE; GIRA(226200/I01)　AU: CLIPSAL 32E450UDM/LM | | | | | |
| | Dimming current range | 10%～100% | | | | | |
| Protection | Over Load Protection | 105-120% | | | | | |
| | | Protection type: Auto Resume | | | | | |
| | Over Voltage Protection | >50VDC | >30VDC | >25VDC | >20VDC | … | >16VDC |
| | | Protection type: Auto Resume | | | | | |
| | Short circuit Protection | Protection type: Auto Resume | | | | | |
| | Over Temperature protection | Protection type: Auto Resume | | | | | |
| Environment | Operating Temperature | -10℃…+50℃ | | | | | |
| | tc | 75℃ | | | | | |
| | Storage Temperature | -20℃…+60℃ | | | | | |
| | Humidity | 10%-90%RH | | | | | |
| | Life time | ＞30,000h @50℃ | | | | | |
| Others | Dimension | 105X42X24 (LXWXH)mm | | | | | |
| Safety & EMC | Safety standards | EN 61347-1;　EN61347-2-13 | | | | | |
| | Withstand voltage | Input-Output：3750V/5mA/1min | | | | | |
| | Isolation resistance | Input-Output：≥4MΩ@500VDC | | | | | |
| | EMI | EN55015; EN61000-3-2　Class C; EN61000-3-3 | | | | | |
| | EMS | EN 61547;EN 61000-4-2 — Performance Criteria B; EN 61000-4-5 —500V; Performance Criteria C | | | | | |
| Note | 1.All parameters NOT specially mentioned are measured at 240VAC input , full load and 25℃ of ambient temperature.<br>2.Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.<br>3.Output current can be from 150mA to700mA and increasing in multiples of 50mA. Please see Model list below and contact EAGLERISE for details. | | | | | | |

## MECHANICAL SPECIFICATIONS




### Model list

| No. | Model number | Input | | | Output | | | Prated |
|---|---|---|---|---|---|---|---|---|
| | | Voltage (VAC) | Current (A) | Frequency (Hz) | Constant current (mA) | Normal working voltage (VDC) | No load working voltage (VDC) | |
| 1 | EIP006C0150LSD1L | 220-240 | 0.05 | 50/60 | 150 | 26.5-42 | 50 | 6.3 |
| 2 | EIP006C0200LSD1L | 220-240 | 0.05 | 50/60 | 200 | 20-30 | 40 | 6 |
| 3 | EIP006C0250LSD1L | 220-240 | 0.05 | 50/60 | 250 | 16-24 | 34 | 6 |
| 4 | EIP006C0300LSD1L | 220-240 | 0.05 | 50/60 | 300 | 13-20 | 30 | 6 |
| 5 | EIP006C0350LSD1L | 220-240 | 0.05 | 50/60 | 350 | 11.5-17.5 | 25 | 6.1 |
| 6 | EIP006C0400LSD1L | 220-240 | 0.05 | 50/60 | 400 | 10-15 | 24 | 6 |
| 7 | EIP006C0450LSD1L | 220-240 | 0.05 | 50/60 | 450 | 9-13.5 | 22 | 6.1 |
| 8 | EIP006C0500LSD1L | 220-240 | 0.05 | 50/60 | 500 | 8-12 | 20 | 6 |
| 9 | EIP006C0550LSD1L | 220-240 | 0.05 | 50/60 | 550 | 7-11 | 18 | 6.1 |
| 10 | EIP006C0600LSD1L | 220-240 | 0.05 | 50/60 | 600 | 6.5-10 | 16 | 6 |
| 11 | EIP006C0650LSD1L | 220-240 | 0.05 | 50/60 | 650 | 6.5-9.6 | 16 | 6.2 |
| 12 | EIP006C0700LSD1L | 220-240 | 0.05 | 50/60 | 700 | 5.6-8.6 | 16 | 6 |