



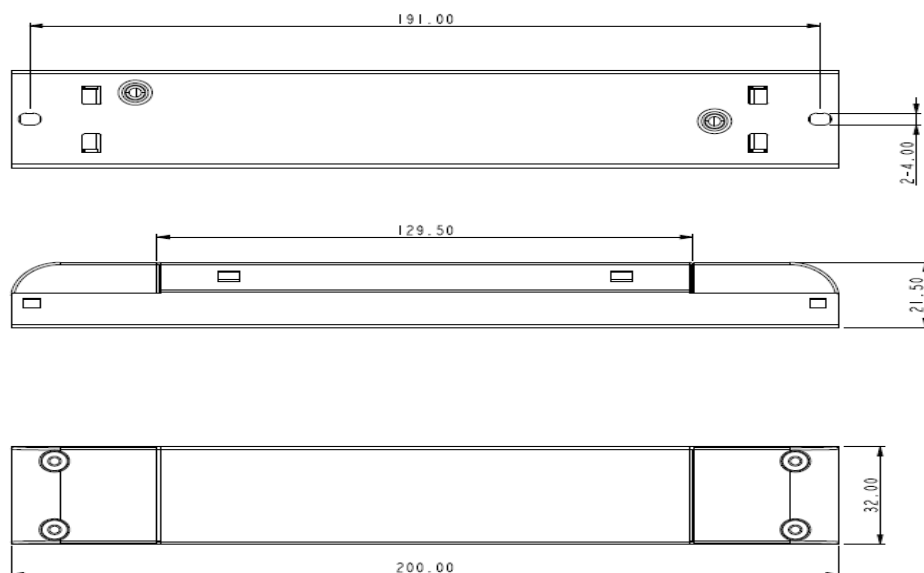
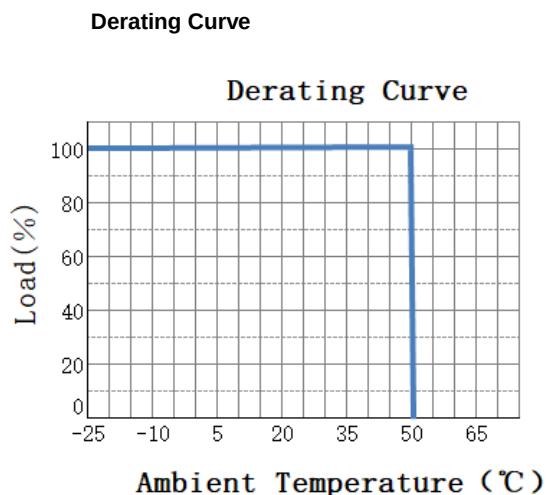
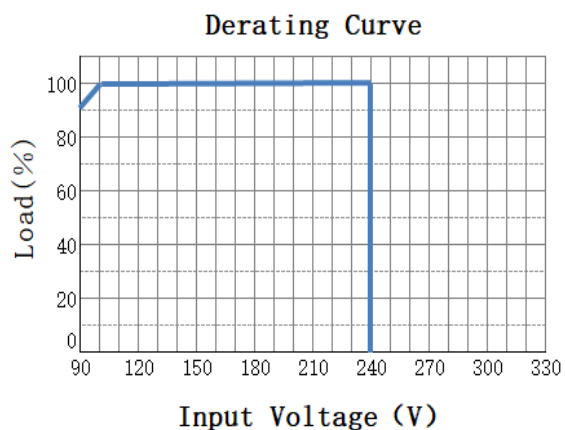
- Features**
- ◆ Input voltage: 100~240Vac
  - ◆ Built-in active PFC function.
  - ◆ High efficiency: up to 82% Typ.
  - ◆ Constant current, 1 channel output
  - ◆ Support DALI Dimming
  - ◆ Output current can be set from 200~1050mA
  - ◆ Protection: OVP, SCP,
  - ◆ According with PSE

| Specification              |                            |                                                                  |               |               |                   |               |  |
|----------------------------|----------------------------|------------------------------------------------------------------|---------------|---------------|-------------------|---------------|--|
| Model<br>(MU015S105AQI340) |                            |                                                                  |               |               |                   |               |  |
| Input                      | Efficiency(230Vac)         | 78%at Full Load                                                  |               |               |                   |               |  |
|                            | Efficiency(100Vac)         | 76%at Full Load                                                  |               |               |                   |               |  |
|                            | Rated Input Voltage (Vac)  | 100-240                                                          |               |               |                   |               |  |
|                            | Frequency Range (Hz)       | 47~63                                                            |               |               |                   |               |  |
|                            | Power Factor               | >0.9 at 100~240Vac 50/60Hz, with 60%~100% load conditions        |               |               |                   |               |  |
|                            | THD                        | <20%, at 100~240Vac 50/60Hz, with 60%~100% load conditions       |               |               |                   |               |  |
|                            | AC Current(Typ.)           | 0.2Arms Max at 100Vac, 0.1Arms Max at 240Vac                     |               |               |                   |               |  |
|                            | Inrush Current(Typ.)       | <10A at 100~240Vac 25℃ cold start at 100%                        |               |               |                   |               |  |
|                            | Input Power (W)            | 20(max)                                                          |               |               |                   |               |  |
|                            | Standby power(W)           | <0.5W at 100Vac 60HZ, <1W at 230Vac 50HZ                         |               |               |                   |               |  |
| Output                     | Leakage Current(max.)      | 0.75mA at 100~240Vac 50/60Hz input                               |               |               |                   |               |  |
|                            | Output Voltage Range (V)   | 2.5~15V                                                          |               |               |                   |               |  |
|                            | Output Current Range(mA)   | 200~1050 (Max)                                                   |               |               |                   |               |  |
|                            | Rated Power (W)            | 15(Max)                                                          |               |               |                   |               |  |
|                            | Output channels            | 1                                                                |               |               |                   |               |  |
|                            | Ripple Current (PK-PK)     | 20% max, at output 200~1050mA conditions                         |               |               |                   |               |  |
|                            | Current Tolerance          | ±5%@setting current 200~1050mA                                   |               |               |                   |               |  |
|                            | Line Regulation            | ±3% Full Load                                                    |               |               |                   |               |  |
|                            | Load Regulation            | ±5% Full Load                                                    |               |               |                   |               |  |
|                            | Startup time               | <0.5s measured at 100~240Vac 47~63Hz                             |               |               |                   |               |  |
| Dimming                    | Potentiometer              | DALI                                                             |               |               |                   |               |  |
| Protection                 | Open circuit protection(V) | 60V max                                                          |               |               |                   |               |  |
|                            | Short Circuit              | Automatic recovery.                                              |               |               |                   |               |  |
| Environment                | Operating Temp.            | Ta: -25℃~55℃, Tc: 85℃                                            |               |               |                   |               |  |
|                            | Operating Humidity         | 20~95%RH, non-condensing                                         |               |               |                   |               |  |
|                            | Storage Temp               | -40~+85℃                                                         |               |               |                   |               |  |
|                            | Storage Humidity           | 10~95%RH                                                         |               |               |                   |               |  |
|                            | Vibration                  | 10~500Hz, 5G 12min/cycle, period for 72min each along X、Y、Z axis |               |               |                   |               |  |
| Safety & EMC               | Ingress Protection Rating  | IP20                                                             |               |               |                   |               |  |
|                            | Safety Standard            | J61347-1,J61347-2-13                                             |               |               |                   |               |  |
|                            |                            | Isolation                                                        | Input         | Output        | Dimming interface | Enclosure     |  |
|                            |                            | Input                                                            | No applicable | 3KVAC         | 1.5KVAC           | 1.5KVAC       |  |
|                            |                            | Output                                                           | 3KVAC         | No applicable | 1.5KVAC           | 1.5KVAC       |  |
|                            |                            | Dimming interface                                                | 1.5KVAC       | 1.5KVAC       | No applicable     | 1.5KVAC       |  |
|                            |                            | Enclosure                                                        | 1.5KVAC       | 1.5KVAC       | 1.5KVAC           | No applicable |  |
|                            | Isolation Resistance       | I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC/25℃/70%RH,1min          |               |               |                   |               |  |
|                            | EMC Emission               | J55015                                                           |               |               |                   |               |  |
|                            | EMC Immunity               | JIS C61000-4-5 (Surge L,N-FG 2KV, L-N 1KV)                       |               |               |                   |               |  |
|                            |                            | JIS C61000-4-2 Level3                                            |               |               |                   |               |  |
|                            |                            | JIS C61000-4-3 Level3                                            |               |               |                   |               |  |
|                            |                            | JIS C61000-4-4 Level3                                            |               |               |                   |               |  |
|                            |                            | JIS C61000-4-8 Level3                                            |               |               |                   |               |  |
|                            |                            | JIS C61000-4-11                                                  |               |               |                   |               |  |
| Others                     | Life time                  | >50000 hours@Tc =70℃ at 100% load conditions                     |               |               |                   |               |  |
|                            | RoHS                       | RoHS                                                             |               |               |                   |               |  |
|                            | MTBF                       | TBD                                                              |               |               |                   |               |  |
|                            | Dimension                  | 200mm*32mm*21.5mm                                                |               |               |                   |               |  |
|                            | Weight                     | TBD                                                              |               |               |                   |               |  |

## Mechanical Specification

Dimensions(Unit:mm)

Derating Curve



RoHS Compliance:

Our products comply with the European Directive 2002/95/EC, calling for the elimination of lead and other hazardous substances from electronic products.