# LED Lighting
# FSP18-ZZAP(035)M

## FEATURES



- High Efficiency & Long Life
- Wide Input Range for Worldwide use (up to 305Vac)
- Compact Size
- Optimized Performance
- Fully Isolated & SELV
- Protections: Short Circuit/ Open Curcuit/ Over Voltage/ Over Temperature
- Class 2 power unit

## PRODUCT HIGHLIGHT

**Output Voltage/Current :** 18W/350mA

**Dimming:** 1-10V / PWM

## SPECIFICATION

| | | |
|---|---|---|
| **Model Name** | FSP18-ZZAP(035)M | |
| **Wattage** | 18W | |
| **Case** | Plastic | |
| **IP Level** | IP20 | |
| **Dimming** | 1-10V / PWM Dimming | |
| **Input Electrical Specification** | Input Voltage | 120~277 Vac |
| | Input Frequency | 47~63 Hz |
| | PFC | ≧0.9 |
| | Inrush Current | <5A/5mS @ Cold start, 240Vac, Full load |
| | **Constant Current / Constant Voltage** | Constant Current |
| **Output Voltage and Current Rating** | Output1 | 40-52 V , 350 mA |
| **Output Electrical Specification** | Efficiency | ≧ 84 % |
| | Life | 50.000 hours without system at full load and ambient 35°C @120Vac /240Vac |
| | Protection Function | OVP,OTP,SCP,OCP |
| **Environmental Requirement** | TEMP. Range | Operating : -20℃ to +50℃<br>Storage : -20℃ to +85℃ |
| | Insulation | Primary to Secondary: 500Vdc,25M ohms min. |
| **EMC performance** | EN55015 | Class B Conducted, Class B radiated |
| | EN61000-3-2 | C |
| | EN61000-4-5 | Surge: ±2 KV common mode ± 1KV differential |
| **Dimension** | 130mm(L) x 35mm(W)x 26mm(H) | |

## PROTECTION FUNCTIONS

OVP,OTP,SCP,OCP

This content is subject to change, please refer to specification for more detail.
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