

100W Waterproof LED Power Supply

(Constant Voltage: KAV-12100-O/ KAV-24100-O)

Features

- Protections: Short circuit/Overload/Over Voltage/Over Temperature
- IP66 / IP 66 design for indoor or outdoor installations
- 100% full load burn-in test
- Suitable for LED lighting and sign applications
- 1 year warranty
- CE / EMC / ROHS

ENVIRONMENTAL

Operating temperature: -30 to +50 °C

Storage temperature: -20 to +45 °C

Humidity (Non-Condensing): 5% to 95%

Cooling: Convection

Vibration Frequency: 50 to 60 Hz

MTBF: >30,000 Hours at full load and 25°C ambient conditions (MIL-217F)



SPECIFICATION

CE/EMC certificate No: SEM08026299

| MODEL | | KAV-12100-O | KAV-24100-O |
|---------------------------|----------------------------|--|------------------|
| Input Voltage (VAC) | | 170-250V/90-130V | 170-250V/90-130V |
| Input Frequency (Hz) | | 50/60 Hz | 50/60 Hz |
| Output Voltage (VDC) | | DC12V±0.5 | DC24V±0.5 |
| Output Current (constant) | | 8.3 A max. | 4.2 A max. |
| Output Power (W) | | 100W Max. | 100W Max. |
| Short Circuit Protection | | Auto recovery | |
| Overload Protection | | 20% exceed is allowing | |
| Over-voltage Protection | | ≤255V | |
| Thermal Protection | | ≤85□ | |
| EMC Safety& EMC | CE Safety Standard | Compliance to EN61347-1:2001 / EN61347-2-11.2001 | |
| | EMI conduction & radiation | Compliance to EN55015,EN61547 | |
| | Harmonic Current | Compliance to EN61000-3-2,-3 | |
| Others | Dimension | 210*70*45mm | |
| | Carton Size | | |
| | Cable | Input:H03VV-F 3G*0.75mm Brown&blue&kelly VDE(200mm) Output:H03VV-F *0.75mm Black&Red VDE(200mm) | |
| | Housing Material | Aluminium | |