

# PSSC-48V-80W

Triac Dimmable IP66 48VDC



## Features

- 48V Constant Voltage Output
- Range AC input: 200-240VA
- Efficiency up to 86%
- Protections: Short circuit/Over loading/Over temperature
- IP66 Design for Outdoor Installation
- Cooling by Free Air Convection
- Aluminium housing ideal for Outdoor Applications
- Compatible with a Range of Leading edge and Trailing Edge TRIAC Dimmers
- Strong Compatibility, Flicker-Free Dimming
- Suitable for LED Lighting and Moving sign applications
- 5 Year Warranty

| Code         |                       | PSSC-48V-80W   |
|--------------|-----------------------|--|
| Output       | DC voltage            | 48V  |
|              | Voltage tolerance     | ±0.5V  |
|              | Rated current         | 1.67A  |
|              | Rated power           | 80W  |
| Input        | Voltage range         | 200-240VAC   |
|              | Frequency range       | 47-63HZ  |
|              | Power factor          | 0.97/240VAC (Full loading)   |
|              | Full load efficiency  | 86.43%   |
|              | AC current (Max)      | 0.8A   |
|              | Leakage current       | <0.5mA   |
| Protection   | Short circuit         | Shut down o/p voltage, re-power on to recover after fault condition removed                            |
|              | Over load             | ≤120% constant current limiting, recovers automatically after fault condition is removed               |
|              | Over temperature      | Shell surface temp. 100°C ± 10°C shut down o/p voltage, automatically recovers after temperature drops |
|              | Warranty              | 5 Years  |
| Environment  | Working TEMP          | -40~+60°C  |
|              | Working humidity      | 20~95%RH, non-condensing   |
|              | Storage TEM, humidity | -40~+80°C, 10~95%RH  |
|              | TEMP, coefficient     | ±0.03%/°C(0~40°C)  |
|              | Vibration             | 10 - 500Hz, 5G 12min./1 cycle, period for 72min. each along X,Y,Z axes                                 |
| Safety & EMC | Safety standards      | EN61347-1 EN61347-2-13, AS CISPR 15:2017 CISPR 16-2-3  |
|              | EMC EMISSION          | EN55015, EN61000-3-2,3 (≥60%loading)   |
| Dimensions   | (L*W*H)               | 226 x 69.8 x 42mm  |

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