

PSSC-48V-300W

Phase Dimming IP66 48VDC



Features

- 48V Constant Voltage Output
- Range AC input: 200-240VA
- Efficiency up to 92%
- 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-300W
Output	DC voltage	48V
	Voltage tolerance	±0.5V
	Rated current	6.25A
	Rated power	300W
Input	Voltage range	200-240VAC
	Frequency range	50HZ
	Power factor	PF≥0.97@230VAC
	Full load efficiency	91.40% @230VAC
	AC current (Max)	1.7A
	Inrush Current	122A, 46us @50% peak 230VAC
	Leakage current	<0.50mA
Protection	Short circuit	Hiccup mode, re-power on to recover after fault condition removed
	Over load	≤120% Hiccup mode, 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
	EMC EMISSION	EN55015 EN61000-3-2 EN61000-3-3 AS CISPR 15:2017 CISPR 16-2-3
Dimensions	(L*W*H)	276 x 78 x 47mm

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