

Features

- Universal AC Input / Full Range
- Built-In Active PFC Function
- IP67 for indoor and outdoor installations
- Suitable for LED Lighting and Street Lighting
- Compliance to Safety Regulations for Lighting
- 1 Year Warranty

Dimensions: 217 mm × 67 mm × 41.8 mm

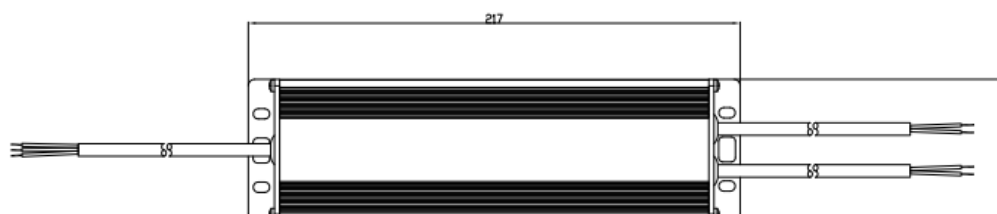
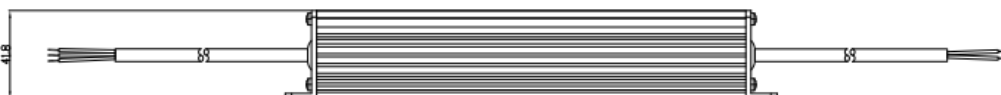
Efficiency Level: ErP Stage 2, CEC Level V

Marks / Approvals:



Specifications

	MODEL	Voltage	Min. Load	Max. Load	Max. Power	Ripple & Noise
OUTPUT	LED 12V150W-MM-IP67	12 V	0.0 A	12.5 A	150 W	440 mV p-p
	LED 24V150W-MM-IP67	24 V	0.0 A	6.25 A	150 W	680 mV p-p
	LED 36V150W-MM-IP67	36 V	0.0 A	4.17 A	150 W	1000 mV p-p
	LED 48V150W-MM/IP67	48 V	0.0 A	3.12 A	150 W	1500 mV p-p
INPUT	Voltage	AC 90 V – 264 V				
	Frequency	47 Hz to 63 Hz				
	Current (rms max)	0.8 A max. (230 V) / 1.6 A (115 V)				
	Power Factor	230 V 50 Hz: >0.95 / 115 V 60 Hz: >0.98 (at 100 % load)				
	Inrush Current	75 A (at 230 V / 25 °C)				
	Leakage Current	1 mA max.				
PROTECTION	Over Current	Protected, auto recovery				
	Overvoltage	Protected, turn off and restart				
	Short Circuit	Hiccup mode auto recovery				
	Isolation Resistance	50 MΩ min. (I/P-O/P, I/P-FG: 500 V DC, 25 °C, 70 % RH)				
	No Load Operation	Yes, to protect the power supply and system from damage				
OTHERS	Cooling	Free air convection				
	Temperature Coefficient	± 0.05 % / °C				
	IP Rating	IP67				
	Setup Time, Rise Time	3000 ms, 80 ms				
	Efficiency	90 % min.				
	Withstand Voltage	DC 5300 V Primary – Secondary • DC 2700 V Primary – PE				
	Vibration	10 ~ 500 Hz, 5G 12min./1cycle, 30 min. each along X, Y, Z axes				
Environment	Holdup time	230 V: 30 ms / 115 V: 10 ms				
	Temperature	Operating: -20 °C to 45 °C / Storage: -30 °C to 70 °C				
	Humidity	Operating: 20 % RH to 98 % RH / Storage: 10 % RH to 98 % RH				
MTBF	352,000 Calculated Hours at 25°C, by MIL-HDBK-217F					
SAFETY	EN 61347-1 / EN 61347-2-13					
EMI / EMS	EN 55015 / EN 61000-4-2, -3, -4, -5, -6 -8, -11 / EN 55024 / EN 61547					
Harmonic	EN 61000-3-2 CLASS C					
Case Dimensions	217 mm × 67 mm × 41.8 mm					



DEHNER

Elektronik GmbH

- AC/DC Power Supplies
- DC/DC Power Supplies
- LED Drivers
- Medical Power Supplies



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