150W,190-250Vac Input Constant Voltage Power Supply



Constant Voltage Power Supply

Model: XV150W12 UNI XV150W24 UNI

CE SELV IP67 Waterproof

Model	Output Current（230V Full Load）	Input Current (230VAC/Full Load)	Input Power (230VAC/Full Load)	Output Power@230V	PF (Full Load)	Efficiency (Full Load)	Output Voltage
XV150W12 UNI	12.5A	1.2A	276W	150W	0.6	88%	12V
XV150W24 UNI	6.25A	1.2A	276W	150W	0.6	88%	24V

1. Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Voltage
	IP Grade	IP67
	Insulation Class	Class Ⅱ
	Housing	Plastic （ABS）
Input	Input Voltage	190~250Vac
	Range of DC Input Voltage	268-353Vdc
	Input Frequency	Rated 50/60Hz
	Input Current	1.2Amax.@230V
	Inrush Current	60A
	Leakage Current	5mAmax@230Vac
	16A breaker connected Q'ty	Type B circuit breaker: 3PCS;Type C circuit breaker: 6PCS
Output	Ripple& Noise(Max.)	<120mVp-p
	Rated Current	XV150W12 UNI:12.5A ， XV150W24 UNI:6.25A
	Rated Power	150W @230V input .
	Voltage Accuracy	±1%
	Line Regulation	1%
	Load Regulation	1%
	Setup, RiseTime	1500ms@230VAC
	Efficiency	>88%
Protection	Short Circuit	Hiccup, Auto recovery. The output recovers when short circuit is removed.
	Overload	Active when loading is over 110~120% Output Voltage dropship if overloaded
	Withstand Voltage	I/P-O/P:3000VAC/1min/<5mA
	Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25℃/70%RH

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Environment	Operating Ambient Temperature		-30℃~+50℃, 20%RH~95%RH, Rated Load ;
	Storage Temperature		-40℃~+80℃; 10%RH～95%RH
Standards	Certification		CE
	Safety Standards		EN61347-2-13:2014/A1:2017,EN62493:20 15
	Performance		EN62384
Others	Lifetime		30,000 hours
	Dimensions		190x63x38mm
	Net Weight		720g
	Wiring	Input	2*20AWG wire，Brown L，Blue N,300mm length
		Output	2*18AWG wire，Red+，Black-,300mm length

Notes: -Please identify the power supply input and output before installation.

-Ensure correct output +& - wire connection.Power on after wire connection is done.

-To avoid voltage drop and loading capacity wasting on the output extension wire,please install the Power supply to the loading as near as possible,if must use long extension wires,thicker wires and less loading wattage is required.

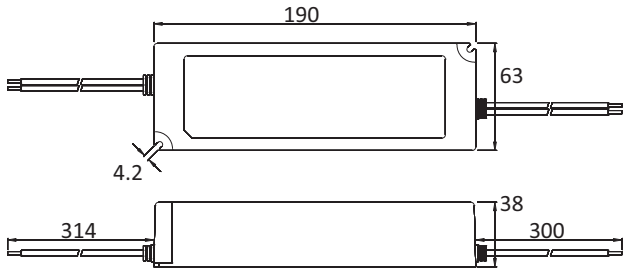
-The power supply to be installed at good ventilation and cooling environment.

2. Packing information

Carton L*W*H(mm)	Product Dimension(mm)	Pcs/ Carton	Net weight/ Pcs(kg)	Gross weight/ Carton(kg)
340*265*245	190*63*38	20	0.720	16.0

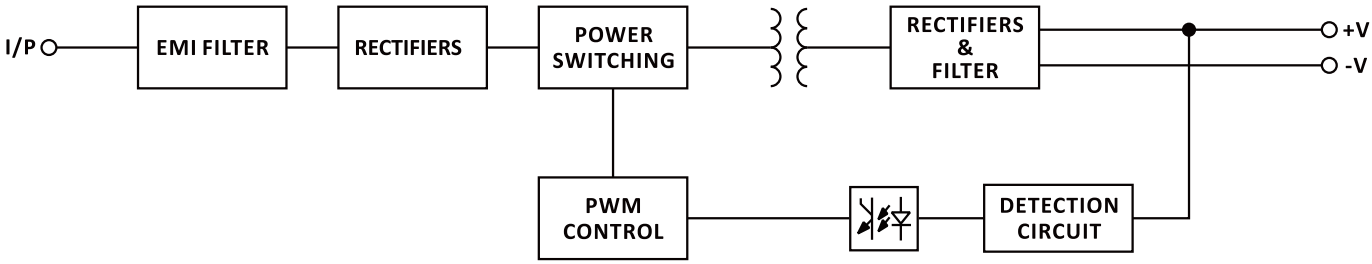
3. Dimension

Unit: mm

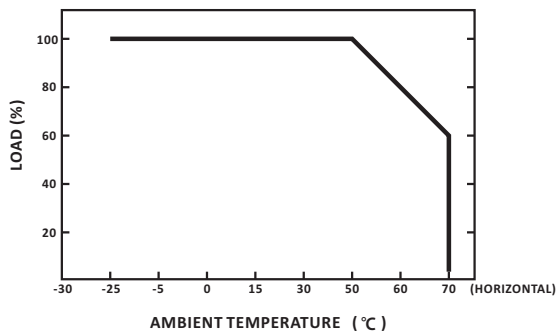


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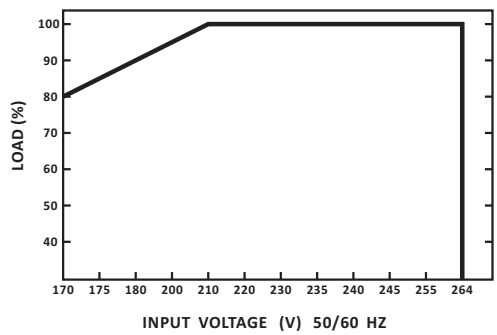
4. Block Diagram



5. Derating Curve



6. Static Characteristics



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