



60W, 100-250Vac Input Constant Voltage Power Supply

Constant Voltage Power Supply

Model: XV60W12 UNI
XV60W24 UNI



Model	Output Current (230V Full Load)	Input Current (120VAC/Full Load)	Input Power (120VAC/Full Load)	Output Power@230V	PF (Full Load)	Efficiency (Full Load)	Output Voltage
XV60W12 UNI	5A	0.52A	71W	60W	0.6	85%	12V
XV60W24 UNI	2.5A	0.52A	71W	60W	0.6	85%	24V

1. Parameters

category	Item	Technical Norm
Features	Output Type	Constant Voltage
	IP Grade	IP67
	Insulation Class	Class II
	Housing	ABS(fire retardant V0)
Input	Input Voltage	100~250Vac
	Range of DC Input Voltage	127-370Vdc
	Input Frequency	Rated 50/60Hz
	Input Current	0.52Amax. @230V
	Inrush Current	40A
	Leakage Current	3mA max @230Vac
	16A breaker connected Q'ty	13pcs, 16A type B / 20pcs 16A type C @230VAC
Output	Ripple & Noise(Max.)	<100mVp-p
	Rated Current	XV60W12 UNI:5A , XV60W24 UNI:2.5A
	Rated Power	60W @230V input
	Voltage Accuracy	$\pm 1\%$
	Line Regulation	1%
	Load Regulation	1%
	Setup, Rise Time	1500ms @230VAC
	Efficiency	>85%
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

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	Isolation Resistance		I/P-O/P:>100M Ohms/500VDC/25℃/70%RH
Environment	Operating Ambient Temperature		-25℃~+50℃, 20%RH~98%RH, Rated Load ;
	Storage Temperature		-40℃~+80℃; 10%RH~98%RH
Standards	Certification		CE
	Safety Standards		EN61347-1:2015,EN61347-2-13:2014/A1:2017,EN62493:2015
	Performance		EN62384
Others	Lifetime		30,000 hours
	Dimensions		166x42x34mm
	Net Weight		360g
	Wiring	Input	2*0.5mm ² wire, Brown L, Blue N,200mm length
		Output	2*0.5mm ² wire, Red+, Black-,200mm length

Notes: -Please identify the power supplies 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.

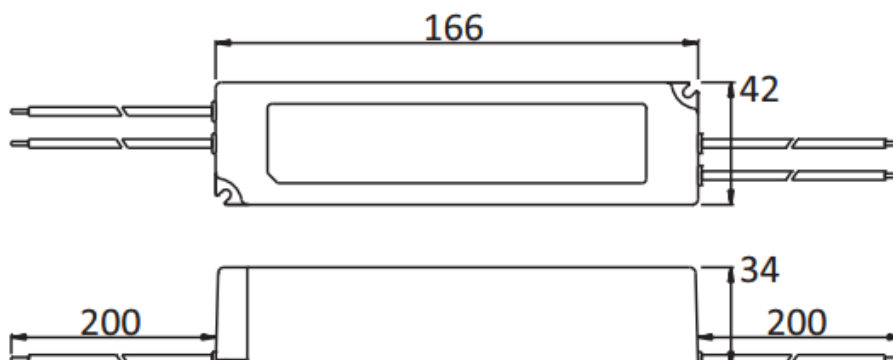
-The power supply to be installed at good ventilation and cooling environment.

2. Packing information

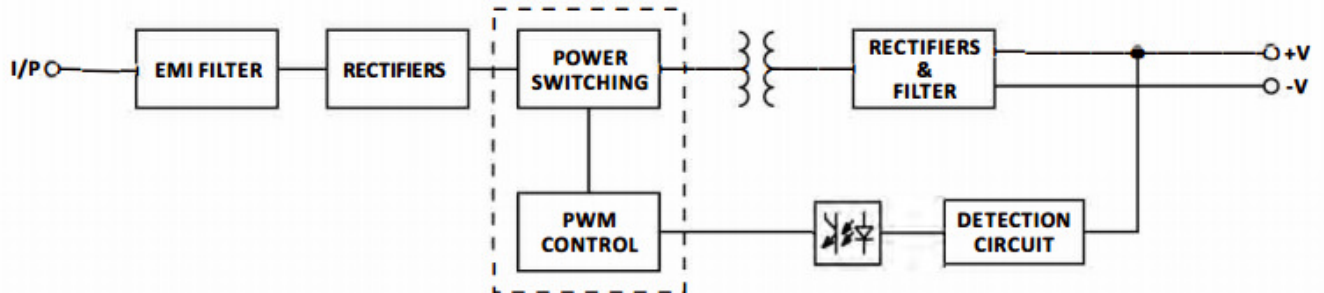
Carton L*W*H(mm)	Product Dimension(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Gross weight / Carton(kg)
395*270*185	166*42*34	40	0.360	16.4

3. Dimension

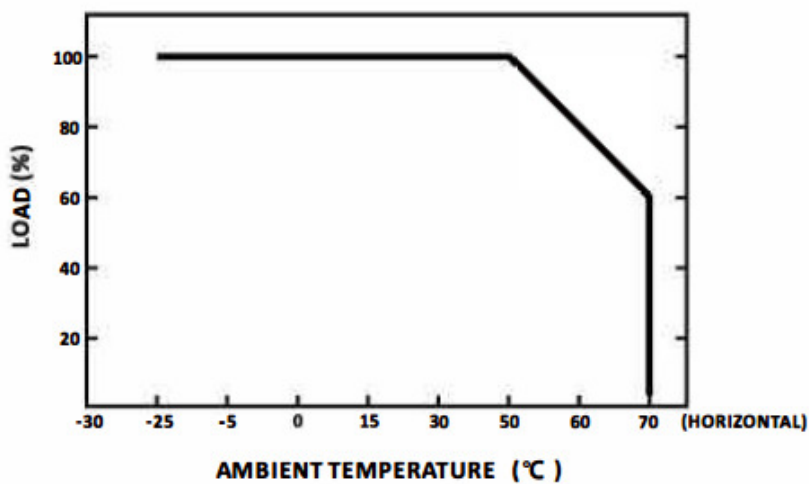
Unit: mm



4. Block Diagram



5. Derating Curve



6. Static Characteristics

