



36W, 100-250Vac Input Constant Voltage Power Supply

Constant Voltage Power Supply

Model: XV36W12 UNI
XV36W24 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
XV36W12 UNI	3A	0.28A	43W	36W	0.6	85%	12V
XV36W24 UNI	1.5A	0.28A	43W	36W	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	0.28Amax.
	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	XV36W12 UNI:3A , XV36W24 UNI:1.5A
	Rated Power	36W @230V input
	Voltage Accuracy	±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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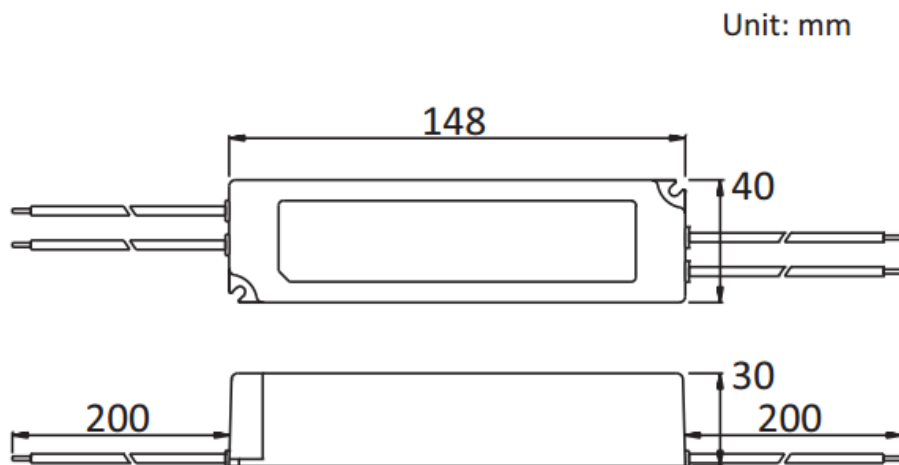
	Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25°C/70%RH
Environment	Operating Ambient Temperature	-25°C~+50°C, 20%RH~98%RH, Rated Load ;
	Storage Temperature	-40°C~+80°C; 10%RH~98%RH
Standards	Certification	CE
	Safety Standards	EN61347-1:2015,EN61347-2-13:2014/A1:2017,EN62493:2015
	Performance	EN62384
Others	Lifetime	30,000 hours
	Dimensions	148x40x30mm
	Net Weight	280g
	Wiring	Input
Output		2*0.5mm ² wire, Red+, Black-,200mm length

Notes: -Please identify the power supplys 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.

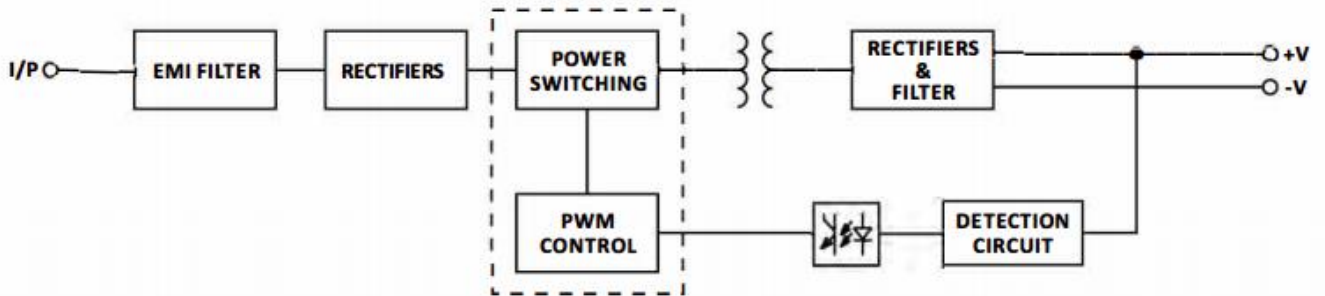
2. Packing information

Carton L*W*H(mm)	Product Dimension(mm)	Pcs/Carton	Net weight/ Pcs(kg)	Gross weight / Carton(kg)
360*260*210	148*40*30	50	0.280	15

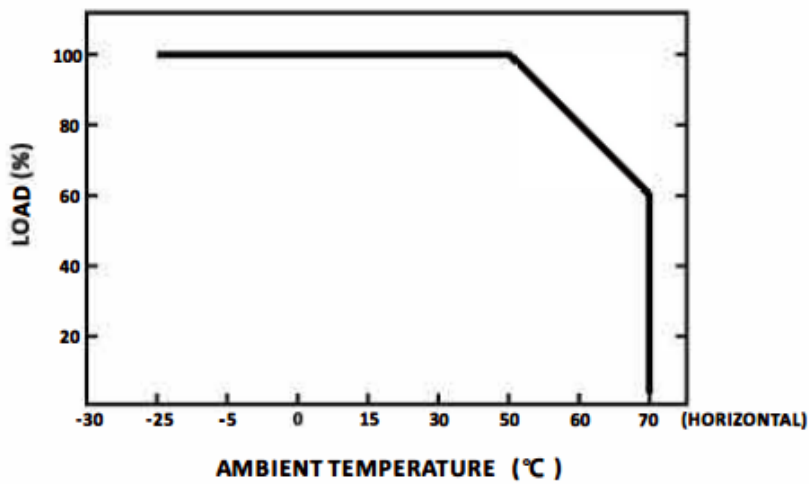
3. Dimension



4. Block Diagram



5. Derating Curve



6. Static Characteristics

