



XV150W24-UNI-NX

Constant Voltage Driver

Model: XV150W24-UNI-NX



Model	Item Code	Output current	Input current	Input power	Output power range	PF	Efficiency	Output voltage	No load voltage
XV150W24-UNI-NX	159190	6.25A	1.20A	276.00W	150.00W	0.6	88%	24V	24V

*** Test result @230V, 50Hz, Full Load.**

1. Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Voltage
	IP Grade	IP67
	Insulation Class	Class II
	Housing	ABS(fire retardant V0)
Input	Rated Input Voltage	190-250VAC
	Range of Input Voltage	268-353Vdc
	Frequency	50/60Hz
	Input Current	1.20Amax. @230V
	Input Power	276.00Wmax. @230V
	Leakage Current	5mA max @230Vac
	Inrush Current	≤60A
	16A breaker connected Qty	Type B circuit breaker: 3PCS;Type C circuit breaker: 6PCS
Output	Ripple & Noise(Max.)	<100mVp-p
	Rated Current	X120W24 UNI:6.25A
	Rated Power	150W @230V input
	Voltage Accuracy	±1%
	Line Regulation	1%
	Load Regulation	2%
	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
	Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25℃/70%RH
Environment	Operating Ambient Temperature	-30℃~+50℃, 20%RH~95%RH, Rated Load ;
	Storage Temperature	-40℃~+80℃; 10%RH~95%RH
Standards	Certification	CE

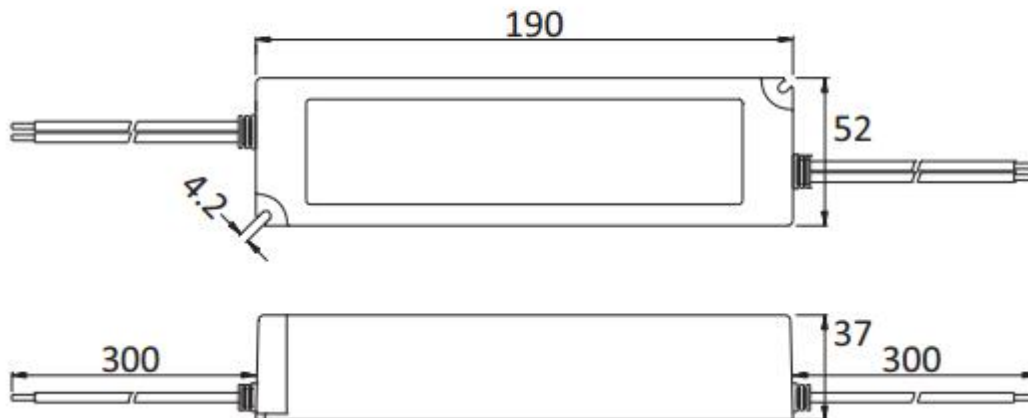
Other	Safety Standards		EN61347-1:2015,EN61347-2-13:2014/A1:2017,EN62493:20 15
	Performance		EN61347-2-13:2014/A1:2017,EN62493:20 15
	Lifetime		25,000 hours
	Dimensions		190x52x37mm
	Net Weight		640g
Wiring	Input	2*0.5mm ² wire, Brown L, Blue N,300mm length	
	Output	2*0.75mm ² wire, Red+, Black-,300mm 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. Dimension

Unit: mm



3. Label

○ L (BROWN)
○ N (BLUE)

190-250V

NEX.IVO
— by KGP Electronics GmbH —

Hueckstraße 19
DE-58511 Lüdenschied

LED POWER SUPPLY **MODEL: XV150W24-UNI-NX: 159190**

Input Range.....	190-250V AC	50/60Hz
Input Ampere(Max).....	1.35A	
Output Voltage.....	24V DC	
Output Current.....	6.25A	
Output Power.....	150W	

⚠ CAUTION: INSTALLATION BY QUALIFIED PERSONNEL ONLY

CE

IP67

Waterproof

SELV

tc<70°C

ta<50°C

6.25A^{24V}

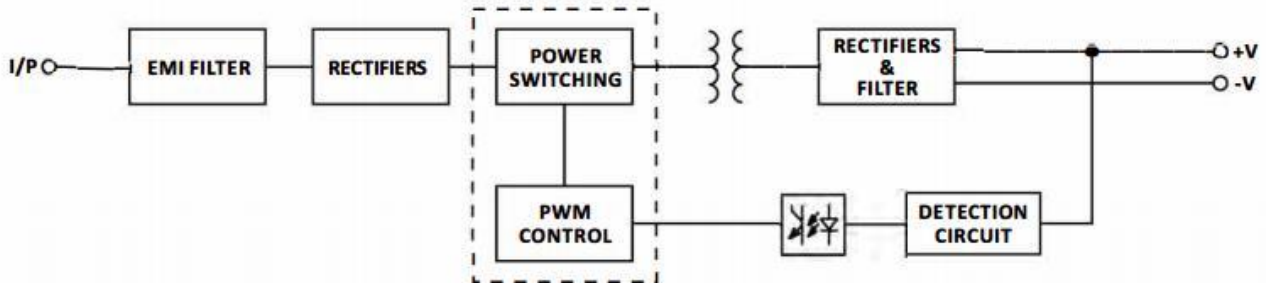
150W

BLACK - ●

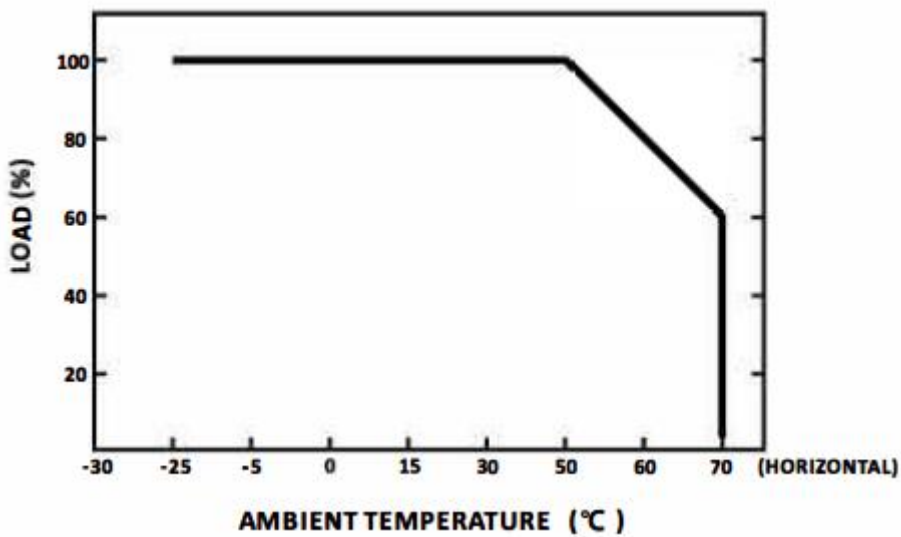
RED + ●

24V

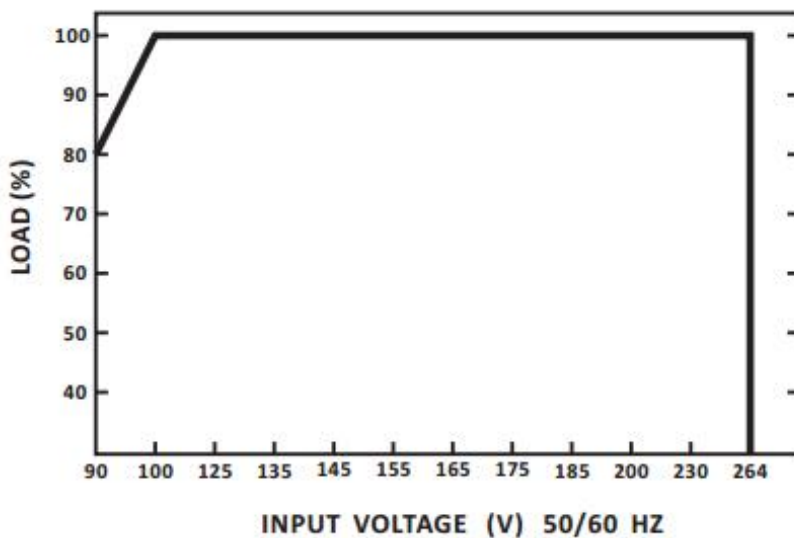
4. Block Diagram



5. Derating Curve



6. Static Characteristics



7. Packing information

Packing way	Model	Carton L*W*H(mm)	Pcs/ Carton	Net weight/ Pcs(kg)	Net weight/ Carton(kg)	Gross weight / Carton(kg)
Standard	XV100W24-UNI-NX	350*245*180	20	0.640	13.00	14.00

8. Ordering data

Model No	Item code
XV100W24-UNI-NX	159950

9. Revision history

Date	Revision	Remark
2026.16.03	V0.01	Product release