



AF 100W

FEATURES

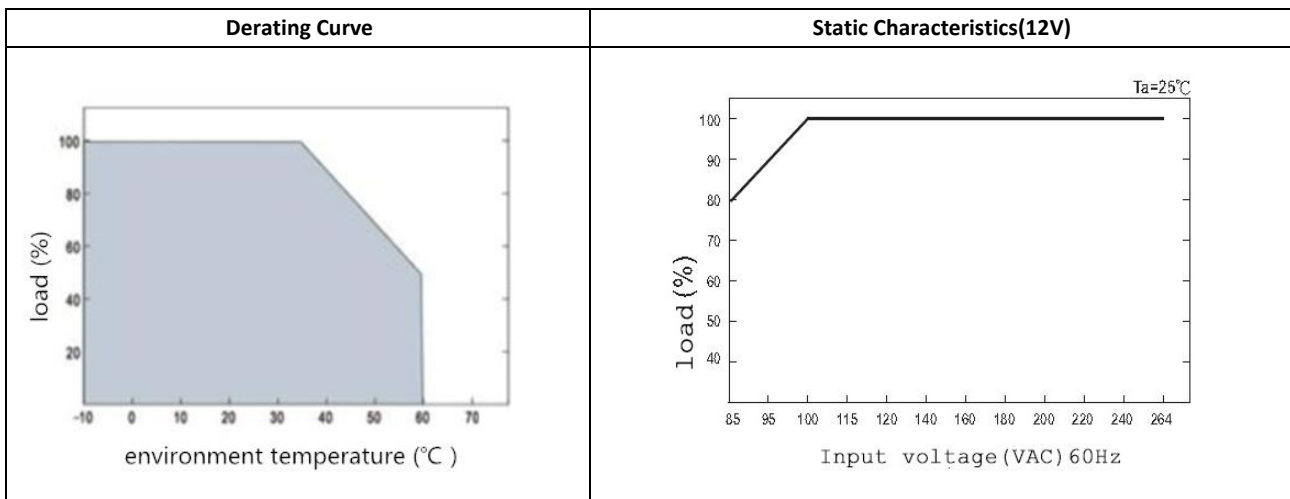
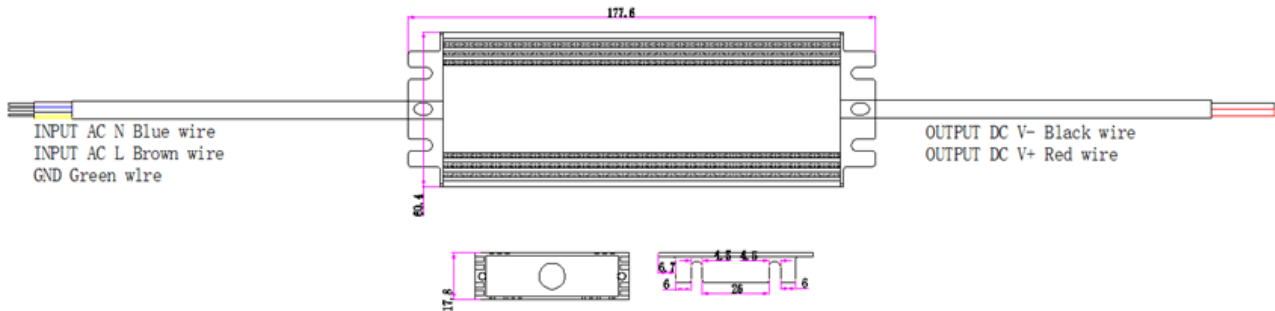
- Universal AC input
- Small size, light weight, high efficiency
- Stable output current
- 100% full load burn-in test
- 2 years warranty

MODEL		AF 100-W1V12	AF 100-W1V24
OUTPUT	RATED VOLTAGE	12V	24V
	NO-LOAD VOLTAGE(MAX.)	12.6V	25.2V
	VOLTAGE TOLERANCE	±5%	±5%
	RATED CURRENT	8.33A	4.17A
	CURRENT RANGE	0-8.33A	0-4.17A
	RATED POWER	100W	100W
	RIPPLE& NOISE (MAX.)	120mVp-p	150mVp-p
	POWER FACTOR(Typ.)	0.6	0.6
INPUT	VOLTAGE RANGE	100-240VAC	
	FREQUENCY RANGE	50-60 Hz	
	AC CURRENT(Typ.)	1.7A/115V, 0.85A/230V	
	EFFICIENCY(Typ.)	85%	87%
	COLD START CURRENT	30A/AC220V	
	SETUP, RISE, HOLD UP TIME	2000ms, 100ms, 30ms	
	NO-LOAD CURRENT	<50mA/240VAC	
PROTECTION	OVER LOAD	hiccup 115%~135% of the rated power 100W, recovers automatically after fault condition is removed	
	OVER CURRENT	protected over the maximum rated current, recovers automatically after fault condition is removed	
	SHORT CIRCUIT	hiccup short circuit, recovers automatically after fault condition is removed	
	OVER TEMP	protected when the Rectifier $\geq 105^{\circ}\text{C}$, recovers automatically after temperature fall to environment temp	
ENVIRONMENT	WORKING TEMP&HUMIDITY	-20°C~+60°C (no frost), 20%~90%RH	
	STORAGE TEMP&HUMIDITY	-40°C~85°C, 10%~95%RH	
	SEISMIC CAPACITY	10-500Hz 2G 10.min/1 60min	
	WITHSTAND VOLTAGE	I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min,	
	INSULATION RESISTANCE	100M ohm s/DC500V	
SAFETY&EMC	SAFETY STANDARDS	GB4943 ;IEC60950-1; EN60950-1	
	EMC STANDARDS	EN55022 CLASS A;GB9254	
REMARK	1. The above mentioned data were measured at 220VAC input and 25°C.		
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.		

Mechanical Specification

Terminal Assignment				Packing and Weight			
Pin No.	Assignment	Pin No.	Assignment	Dimension	178*60.5*18mm	Weight	0.4kg
1	AC INPUT/L	1	DC OUTPUT/-V	Carton Dimension	415*380*200mm	Carton weight	28.8kg
2	AC INPUT/N	2	DC OUTPUT/+V				
3	FG			Carton quantity		--pcs/carton	

Appearance and Dimension



Note

1. Cut the AC input before checking any mal-phenomenons.
2. Make sure the INPUT&OUPUT were in right situation before connected to power supply.
3. Be ware of high power pressure may caused by short circuit when installing metal casing products.
4. All the images and data are just for reference, specific please in kind prevail!

F&Q

- A. First use, connect the LEDs to the power supply, correct AC&DC connection, but the LEDs are not light or other fault condition.
 Q. Cut the AC input, check whether there are any poor contacts in the AC and DC terminals.

- A. Correct connection, the LEDs is on but the brightness is too strong/too weak/flashing.
 Q. Cut the AC input, check whether over load or short circuit.

After sale

Please contact us at info@xinrealpower.com for further solution if any unforeable problem happens.