

High PF 0-10V DIM Constant Voltage Waterproof LED Power Supply



Features

- The output voltage is constant
- 0/1-10V/PWM/potentiometer(3 in 1 dimming);
- Using active built-in PFC techology
- Efficiency>86% PF>0.9
- Protection:SCP/OVP/OLP
- Aluminum silicone potted waterproof,Full-ioslation led driver;
- Easy to install
- Noise free,flicker free
- CE/ROHS/SAA/TUV passed
- 5 Years warranty

Specification Sheet

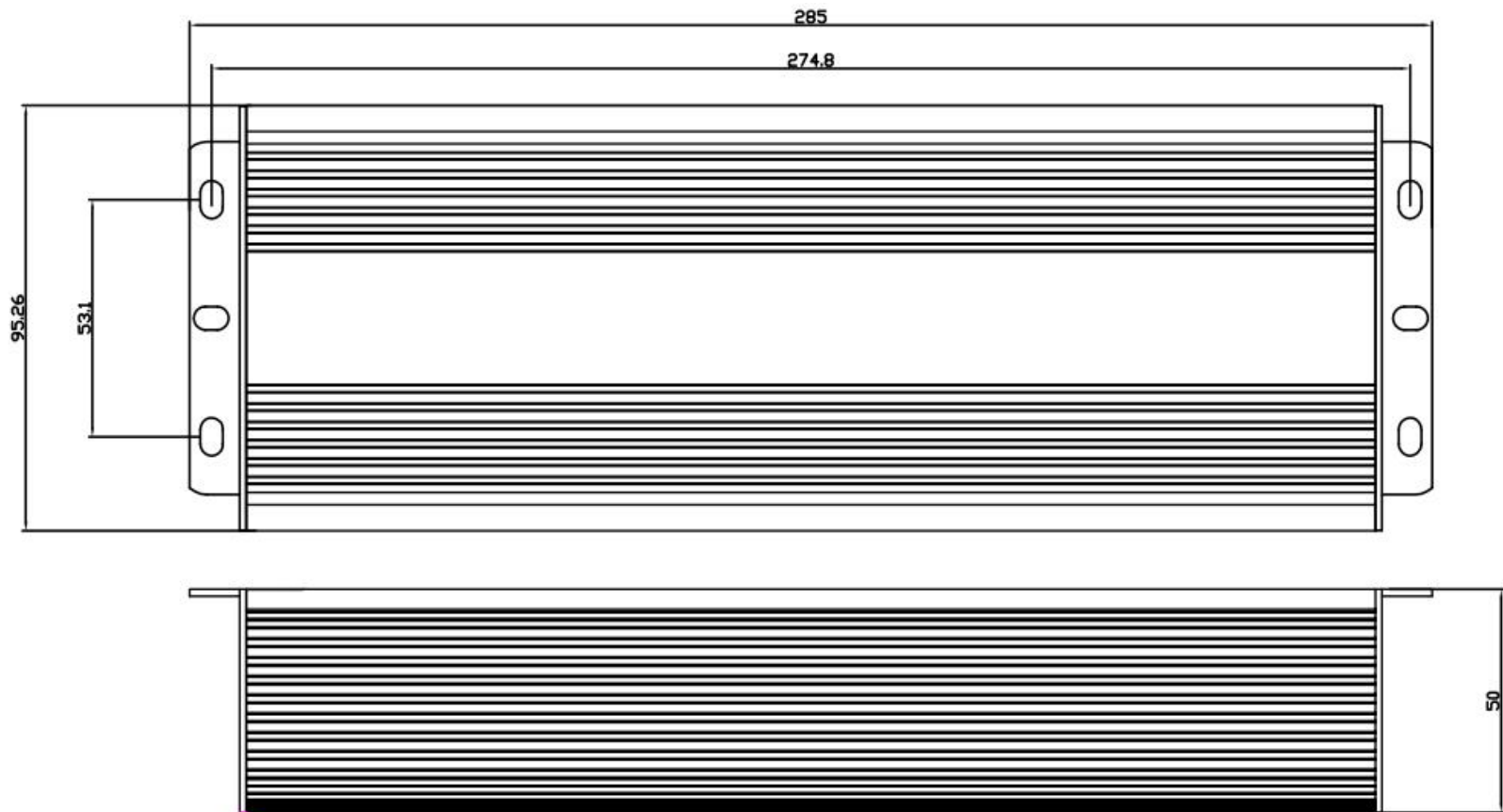
Model	CV	MSD-MV400NA24	MSD-MV400NA36	MSD-MV400NA48
Output	Output current	16.6A	11.1A	8.3A
	Current precision	±5%		
	Output voltage	24V	36V	48V
	Output Power	400W		
	Frequency Range	3500		
Input	Input Voltage Range	100-265V AC or 180VAC -265V		
	AC Current(Typ)	4.22A@110VAC 2.11A@220VAC		
	Frequency Range	50/60Hz		
	PFC	PF>0.95@110V PF>0.90@230V		
	Full-loading Efficiency	>86%@full load		
Protection	Short Circuit	Short circuit protection / Over voltage protection		
	Over Voltage	<270VAC		
Environment	Operation Temperature	-40—+50℃		
	Operation Humidity	20-90%		
	Storage	-40—+85℃, 10-95%RH		
	Temperature Coefficient	±0.03%/℃(0~50℃)		
	Vibration Resistance	10~500HZ,2G 10Min/period,X、 Y、 Z line per 60 mins		
Safety&EMC	Standard	Refer to EN 61347-1;EN 61347-2-13; EN 62493		
	Withstand Voltage	I/P-O/P:3.75KVAC		
	Insulating Strength	I/P-O/P:400M Ω/500 VDC/25℃/70%RH		
	EMC Emission	To Correspond EN55015,EN61000-3-2(≧ 50% load)		
	EMC Immunity	To Correspomd EN55015,EX61000-4-2,3,4,5,6,8,11,A Level of light industry standard(Surge 4KV)		
Other	Weight	2600g		
	Dimension	285*95*50mm (L*W*H)		
	Material	94V-0 PC fire retardant		
	Color	white		
	Packing	41*27*18cm/20pcs		

NOTE

All parameters are measured at normal temperature(25-28℃)  
 1、Ripple & Noise are measured at 20KHz of bandwidth by using a 12" twisted pair-wire teminated with a 0.1 uf & 47uf parallel capacitor(@ full load).  
 2、The efficiency measured at Max output voltage,and 230VAC with full load,if with 110VAC the efficiency will be lowered 0.5%~1.5%;Working 1~2 hours,efficiency will be higher 1.5%~1%than the initial stage.

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1. Dimensional drawing



2. Wiring diagram

