

Product Features

- Input Voltage range 180-265VAC
- The output voltage is constant
- Using active built-in PFC technology
- Efficiency > 88% PF > 0.98.
- Protection: SCP/OVP
- Aluminum case waterproof.
- CE SAA TUV ETL passed
- High efficiency, long lifespan & 5 years

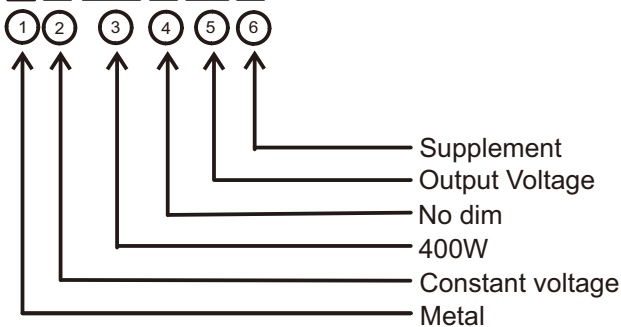
warranty

400w Series



Naming description

MV400N12X



Number	Function
①	M: Metal P: Plastic
②	V: Constant voltage C: Constant current
③	400: 400W
④	A: 0/1-10V D: DALI T: Triac N: No DIM B: DALI Dt8 TA: 0-10V & Triac P: PUSH DP: DALI PUSH
⑤	Output Voltage
⑥	Supplement 例 U: UFO



Lighting the way

Technical Parameters

400 Series

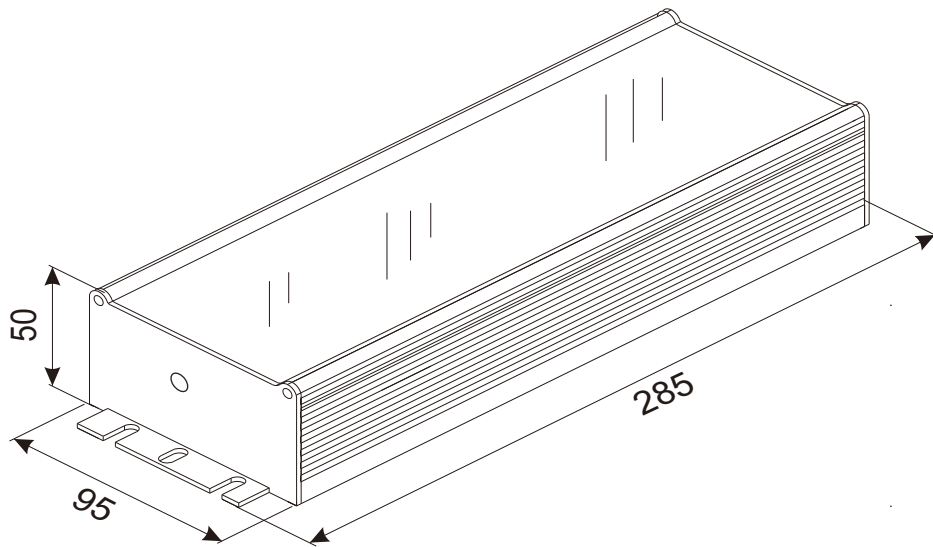
Model		400-12V	400-24V	400-36V	400-48V
Output	Voltage	12V	24V	36V	48V
	Current	33,3A(Max)	16.6A(Max)	11.1A(Max)	8.3A(Max)
	Power	400W	400W	400W	400W
	Ripple& noise(max)				
	Efficiency				
	Full load	89%@230VAC	89%@230VAC	89%@230VAC	89%@230VAC
	Start, rise time				
	Hold time				
Input	Input votage		180-265VAC		
	Frequency		50HZ		
	Power Factor		PF>0.98@110VAC PF>0.95@230VAC		
	THD		<17%@230V		
	Standby power		<2W		
	Current		2,03A@220VAC		
	Inrush Current				
Protection	Short Circuit		Close output, recovers after fault condition is removed		
	Over voltage		Hit cup,recovers after fault condition is removed		
	Over Load		Hic cup, recovers after fault condition is removed		
Safety& EMC	Surge		L-N:2KV ,L,N-PG:4KV		
	Withstand Voltage		I/P-O/P:3.75KVAC/1min/5mA;I/P-GND:2KVAC /1min/5mA		
	Safety Standards		IEC/EN61347-1,IEC/EN61347-2-13		
Environment	Working Temp		-25℃~50℃		
	Storage Temp		-40℃~85℃		
	Tc		80℃		
	Material		Metal		
	IP Rating		IP67		
	Lifetime		50000h		
Others	Dimension		285*95*50mm		
	Weight		2000g		

Note:

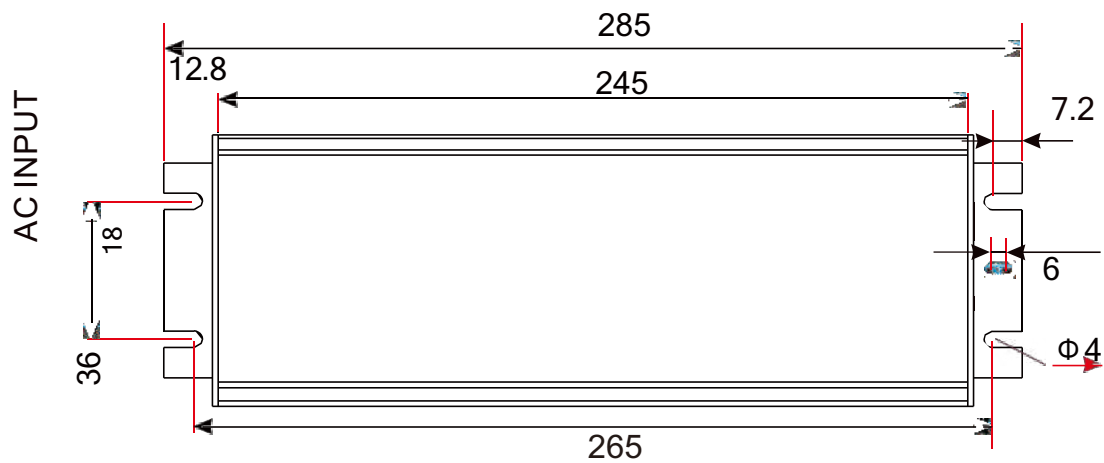
- 1.Unless otherwise specified, all specifications and parameters shall be measured at the input of 230VAC, rated load and ambient temperature of 25℃.
2. Ripple and noise measurement method: A12" twisted-pair line with 0.1uF and 47uF capacitors in parallel should be used for measurement under 20MHZ bandwidth.
- 3.The start time is measured under the starting of the cold machine.
Frequent switching on and off may increase the start time.
4. The driver is regarded as a component used in combination with the terminal equipment.
Since the EMC is affected by the whole device, the manufacturer of the terminal equipment needs to reconfirm the EMC of the whole device.

Dimensions Chart

400 Series



Size



Unit: mm