

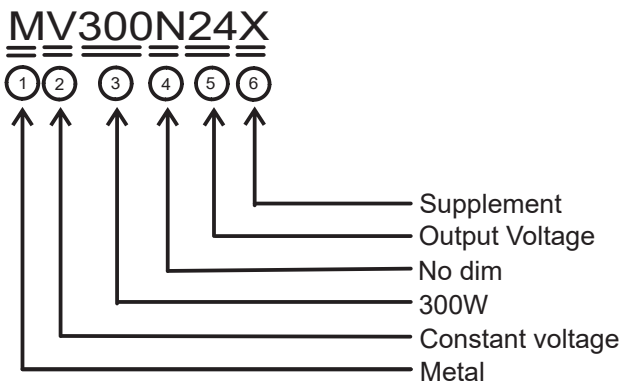
Product Features

300 Series

- Wide input Voltage range 100-240VAC
- The output voltage is constant
- Using active built-in PFC technology
- Efficiency>90% PF>0.98.
- Protection:SCP/OVP
- Aluminum case waterproof.
- CE SAA TUV ETL UL passed
- High efficiency, long lifespan & 5 years warranty



Naming Description



Number	Function
①	M: Metal P: Plastic
②	V: Constant voltage C: Constant current
③	300: 300W
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

300 Series

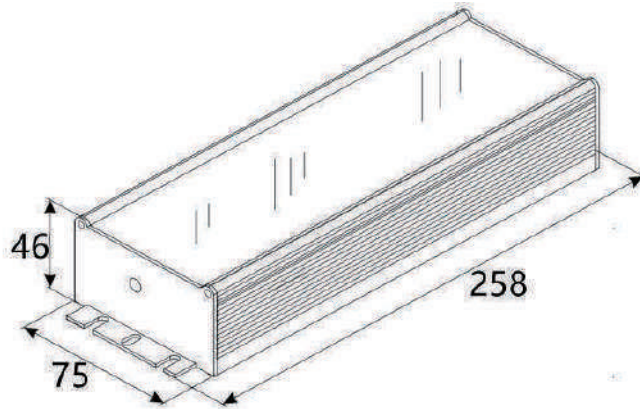
Model		MV300N24	MV300N36	MV300N48	
Output	Voltage	24V	36V	48V	
	Current	12.5A(Max)	8.3A(Max)	6.25A(Max)	
	Power	300W	300W	300W	
	Ripple& noise(max)				
	Efficiency Full load	89%@110VAC	89%@110VAC	89%@110VAC	
		89%@230VAC	88%@230VAC	88%@230VAC	
	Start, rise time		500 ms, 100 ms/ 230 VAC, 1000 ms, 100 ms/ 110 VAC		
	Hold time		10ms/110VAC, 23 0VAC		
Input	Input votage		110-265VAC		
	Frequency		50-60Hz		
	Power Factor		PF>0.98@110VAC PF>0.95@230VAC		
	THD		<17%@230V		
	Standby power		<2W		
	Current		3Amax@ 110 VAC		
	Inrush Current		Cold start 75A(twidth=350us measured at 50% Ipeak)@230VAC		
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/EN6134 7-1,IEC/EN61347-2-13		
Environment	Working Temp		-25℃~50℃		
	Storage Temp		-40℃~85℃		
	Tc		80℃		
	Material		Metal		
	IP Rating		IP67		
	Lifetime		6000h		
Others	Dimension		258x75x46mm		
	Weight		2400g		

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

300 Series



Size

