



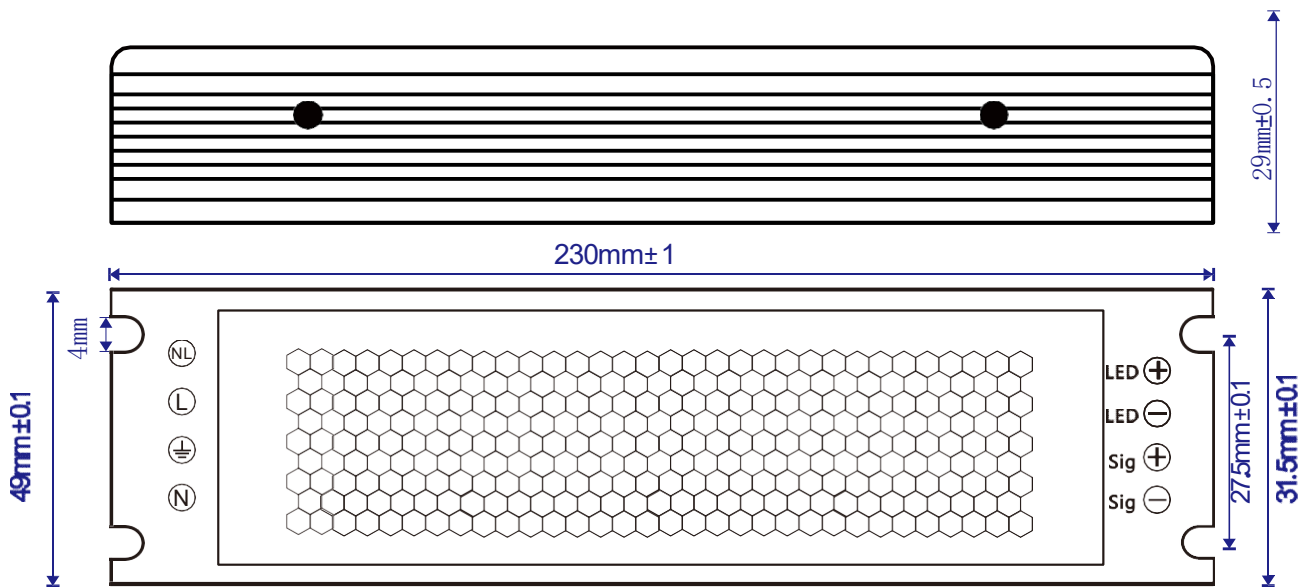
Features :

- 100-130/170-264VAC
- Protection: Short circuit/overload/overvoltage
- Working temperature with 60°C
- Cooling by free air convection
- 100% full load burn-in test
- 3years warranty
- Support: Triac & 0/1-10V

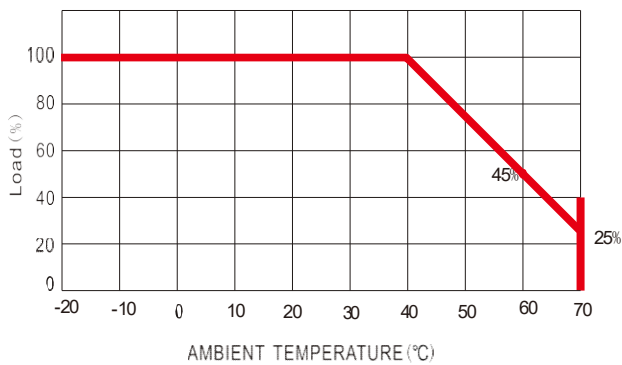
CE RoHS BIS SELV IP20

	Order code	MSD-MV100NTA12H(L)N	MSD-MV100NTA24H(L)N
Output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated Current	0 - 8.3 A	0-4.2A
	Rated Power	100W	100W
	Ripple & Noise	150mVp-p	150mVp-p
Input	Voltage Range	100-130/170-264VAC	
	Frequency Range	50 - 60HZ	
	Power Factor	PF ≥ 0.5/220VAC (Full loading)	
	Full Load Efficiency (Typ.)	85%	85%
	AC Current (Max.)	0.86A	0.85A
	Leakage current	<0.5mA/260VAC	
	Inrush current	≤ 40A	
Protection	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed.	
	Over Load	Hiccup mode, recovers automatically after fault condition is removed	
	VIBRATION	10-500Hz 2G10min	
	BURNT-IN TEST	Input voltage: 220V 50Hz rated output current 25°C Burn-in 2h	
Environment	Over temperature	100°C±10°C shut down o/p voltage, re-power on to recover	
	Working TEMP.	-20 ~ +50°C	
	Working Humidity	20~60%RH, non-condensing	
	Storage TEM. , Humidity	-20~+85%, 10~95%RH	
	START RISE HOLD TIME	1500ms, 20ms, 50ms/230VAC at full load	
Safety & EMC	Vibration	10 - 500Hz, 5G 12min. /1 cycle, period for 60min. each along X, Y, Z axes.	
	Safety standards	CE Mark	
	Withstand voltage	I/P-O/P: 1.5KVAC I/P-GND: 1.5KVAC	
	EMC Immunity	EN55015:2013; EN61547:2009; EN61000-3-2:2014; EN61000-3-3:2013	
Others	Weight	0.29Kg	
	Dimension	230x49x29mm (LxWxH)	
	Packing	50pcs/CTN	
Notes	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Tolerance: includes set up tolerance, line regulation and load regulation.</p> <p>3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be qualify EMC Directive on the complete installation again.</p>		

Mechanical Specification



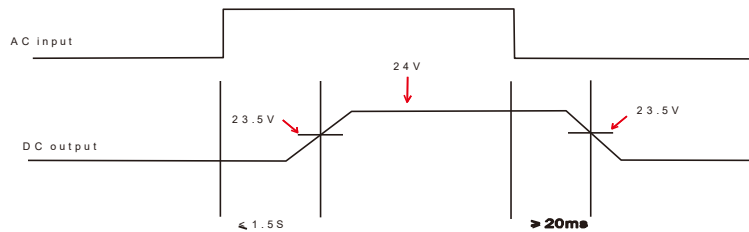
Derating Curve



Package

DIMENSION	230x49x29 (mm) (L×W×H)
CARTON QUANTITY	50PCS/Carton
CARTON SIZE	370x300x29.5 (mm)
WEIGHT	290g /PCS

Switching Time Curve:



Dimming Operation

