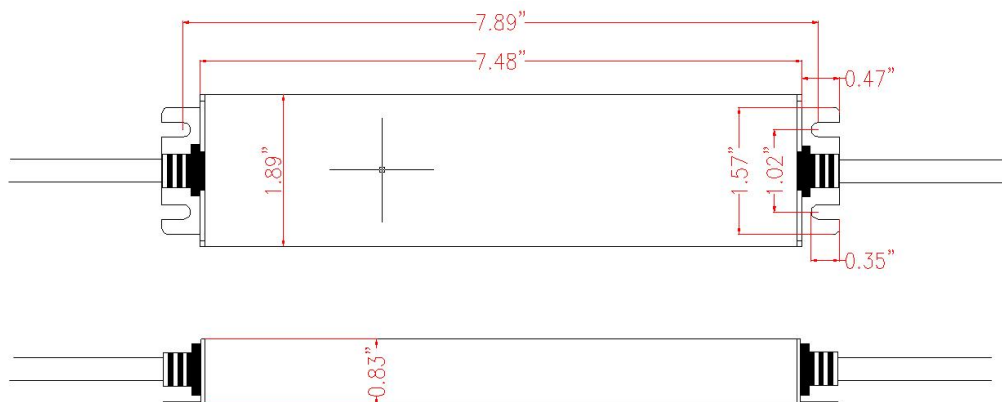


MJ-S100-A12



LED Ultra-Thin Power Supply

- ETL & Class P Certification
- Universal AC input/full range(100-277VAC)
- Built in active PFC function
- Efficiency up to 90%, super thin and small size.
- Protections: short circuit/over load/over voltage/over temperature
- IP67 design for indoor or outdoor installation
- It can be used in dry ,wet and rainy environment.
- Cooling by free air, high reliability
- Warranty: 5 years
- Suitable for internal lights application for I / II / III.
- Widely used in LED lighting and IT equipment
- Compliance to worldwide safety regulation for led lightings.



Dimensions: 7.89*1.89*0.83"

Specification

OUTPUT	Output voltage	12VDC
	Output voltage range	12VDC $\pm$ 0.3VDC
	Output current	Max 8.3A
	Output power	Max 100W
	Output power range	0~100W
	Ripple & Noise	$\leq$ 170mV
	Linear Regulation	$\pm$ 1%
	Load Regulation	$\pm$ 1%
	Start-up Time (Typ)	600ms/230VAC 700ms/115VAC
	Rise Time(Typ)	50ms/230VAC 50ms/115VAC
	Hold Up Time(Typ)	14ms/230VAC 13ms/115VAC
INPUT	Input voltage	100-277Vac
	Frequency	50/60Hz
	Input current	1A
	Power factor	PF>0.96/230Vac, at full load; PF>0.99/115Vac, at full load
	No-load consumption power	<0.5W
	THD	$\leq$ 12% at 230Vac,at full load $\leq$ 10% at 115Vac,at full load;
	Efficiency (typ.)	90%
	Inrush current(typ.)	65A/230VAC
	Control surge capability	L,N:2KV L,N-PE:4KV
	Leakage current	Max. 0.5mA
ENVIRONMENT	Working temperature	ta: -30°C~ 50°C tc: 80°C
	Working humidity	20 ~ 99%RH, condensing(Waterproof)
	Storage temp., humidity	-40°C ~ 80°C, 10~95%RH
	Vibration	10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes.
PROTECTION	Overtemperature	Protection type: Turn off the output voltage, after the temperature drops, re-energize to restore.
	Over voltage protection	Output voltage $\geq$ 14-18V, turn off the output, after the abnormality is eliminated, re-energize to recover.
	Over load protection	Shut down the output when current load $\geq$ 110%~150%, auto recovers.
	Short circuit protection	Protection type: It can be automatically restored after the fault is eliminated.
Safety& EMC	Isolation resistance	I/P-O/P: 100M Ω /500VDC/25. C/70%RH, Withstand voltage:I/P-O/P:3750Vac
	Safety standards	IEC/EN61347;IEC/EN60950;IP67
	EMC emission	EN55015:2013;FCC Part 15B;EN61547:2009;EN61000 -3 -2:2014;EN61000 -3 -3:2013
	EMC immunity	EN61000 -4 -2,3,4,5,6,8,11 EN61547

Package

Model	Net Weight	Size	Qty/Carton	Weight/Carton
MJ-S100-A12	9.8KG	13.39*11.61*5.31"	20	10.5KG