

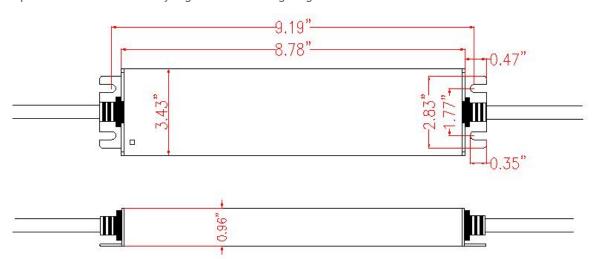
# TECHNICAL DATA SHEET

### MJ-S200-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 93%, 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:9. 19\*3. 43\*0. 96"

# JS LED® TECHNICAL DATA SHEET

## **Specification**

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OUTPUT	Output voltage	12VDC		
	Output voltage range	12VDC±0.3VDC		
	Output current	Max 16.7A		
	Output power	Max 200W		
	Output power range	0~200W		
	Ripple & Noise	≤250mV		
	Linear Regulation	±1%		
	Load Regulation	±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	2A		
	Power factor	PF>0.96/230Vac, at full load; PF>0.99/115Vac, at full load		
	No-load power consumption	<0.5W		
	THD	≤12% at 230Vac,at full load ≤10% at 115Vac,at full load;		
	Efficiency (typ.)	93%		
	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.		
		Output voltage ≥14-18V, turn off the output,		
	Over voltage protection	after the abnormality is eliminated, re-energize to recover.		
	Over load protection	Shut down the output when current load ≥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: 100MΩ/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

Mode1	Net Weight	Size	Qty/Carton	Weight/Carton
MJ-S200-A12	10.8KG	13. 86*13. 07*5. 2"	10	11.5KG