

MJ-12300 (S)

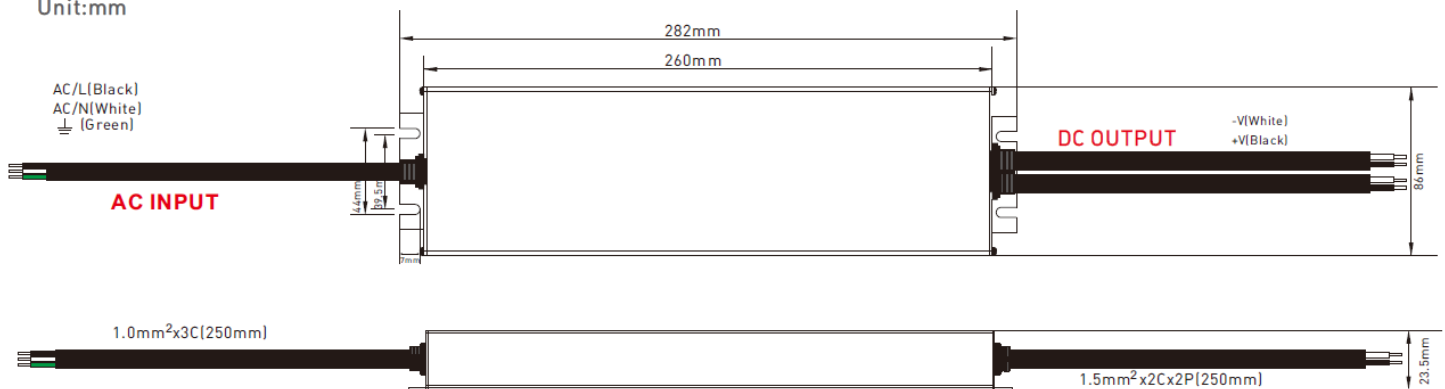


LED Ultra-Thin Power Supply

- 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
- Up to 50000-hour life time
- 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

Unit:mm



Dimensions:282*86*23.5mm

Specification

OUTPUT	Output voltage	12VDC
	Output voltage range	12VDC±0.3VDC
	Output current	Max 25A
	Output power	Max 300W
	Output power range	0~300W
	Ripple & Noise	≤250mV
	Linear Regulation	±1%
	Load Regulation	±1%
	Start-up Time (Typ)	600ms/230VAC 800ms/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	3.4~1.3A
	Power factor	PF>0.96/230Vac, at full load; PF>0.98/115Vac, at full load
	No-load consumption power	<0.5W
	THD	≤12% at 230Vac,at full load ≤8% 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.
	Over voltage protection	Output voltage ≥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 ≥110%-150%, auto recovers.
	Short circuit protection	Protection type: It can be automatically restored after the fault is eliminated.
Other	Application	Outdoor
	Safety Certification	UL
	Warranty Time	5 Years

Package

Model	Net Weight	Size	Qty/Carton	Weight/Carton
MJ-12300 (S)	11.5KG	345*345*125MM	10	12KG