

External Driver/ 外置驱动 N107-IS70W

Product Features/ 产品特性

- Wide Input Voltage
全电压输入
- High Efficiency
高效率
- High power factor
高功率因素
- Certificate : UL/CUL/CE
认证证书 : UL/CUL/CE
- Comply with PSE, CQC
认证符合PSE,CQC安全认证
- Metal Shell Silicone Potting
铝金属外壳硅胶灌封
- Waterproof level : IP65
防水等级 : IP65
- ROHS-compliant
符合 ROHS
- 5年质保
5 Years Warranty

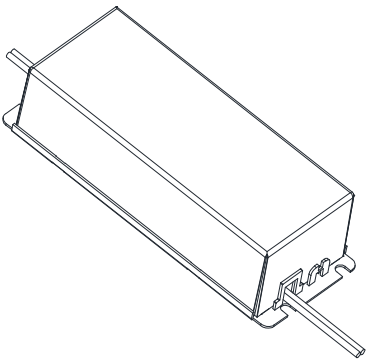
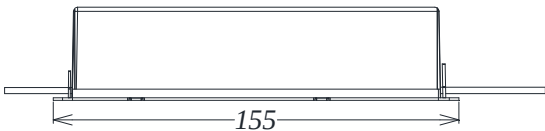
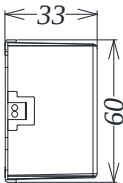
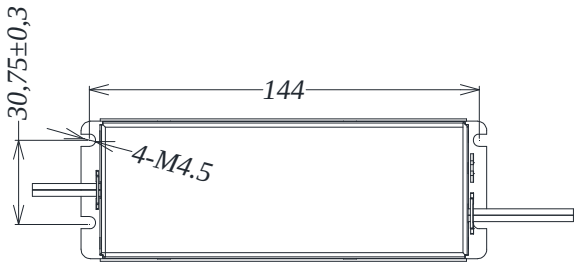
Product illustration/ 产品图示



Product attributes/ 产品属性	
Aweight (Silicone Potting) 重量 (硅胶灌封)	430g
Input lead-wires 输入线材	18AWG 105°C/600V -Stranded
Output lead-wires 输出线材	20AWG 105°C/300V -Stranded
Input wires length 输入线材长度	220±10mm
Output wires length 输出线材长度	220±10mm
0-10V Input lead-wires 0-10V输入线材	/
End treatment of wire rod 线材端处理	Tin
Dimensions 外壳尺寸	155 × 60 × 33mm

Environment Specification/ 环境规格	
Operating Temp 工作温度	-40~70°C
Operating Humidity 工作湿度	10~100%RH
Storage Temp 储存温度	-30~80°C
Storage Humidity 储存湿度	10~90%RH
Pressure 大气压力	70~106 Kpa
Environmental Protection Rating 特殊环境	UL damp and dry 潮湿及高粉尘环境
Cooling 冷却方式	Free air cooling convection 风冷
Enclosure 外壳	Aluminum metal case 铝金属外壳

Appearance size/ 外观尺寸



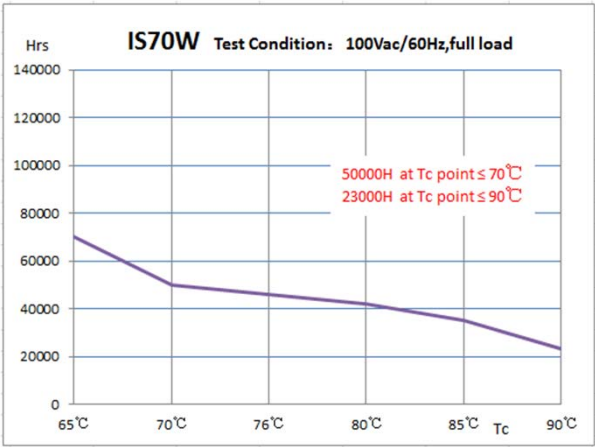
Electrical Specifications/ 电气规格

项目内容 Item description	规格参数 Specification parameter	项目内容 Item description	规格参数 Specification parameter
Input Voltage 输入电压	100 ~ 277 V (UL) 100 ~ 264V (CE)	MTBF 平均故障	50000H at full load and TC 70°C conditions
Line Current 输入电流	0.95A		
Input Frequency 输入频率	50/60Hz	Vibration Frequency 耐振性	5 ~ 55HZ/2g, 30 minutes ;
Min. Mains voltage operational 输入电压范围	90 V [min]-305V [max]	Impact Resistance 抗冲击性	1g/S
Start-up Delay Time 开机延迟时间	≤0.5s@220V	Dielectric Strength(Hi-pot) 介电耐压强度(高压)	3KVAC 10mA 60S
Interfaces 调光方式	/	Insulation Resistance 绝缘阻抗	50MΩ min. @ 500Vdc
Maximum open circuit voltage 输出空载电压	48Vmax	Leakage Current 泄漏电流	400uA typical
Output voltage range 输出带载电压范围	30V to 38Vdc	Surge 雷击	L-N/2KV,L-G、N-G/4KV
Output Current Ripple 纹波	(ripple = peak / average)30% ma	Inrush Current 浪涌电流	25A max @230V
Output current tolerance 恒流精度	<±5%	Agency Approbations 安规认证	UL8750, UL1310
Protect Function 保护功能	SCP/OVP/OC/OTP 短路/过压/过流/过温	Electromagnetic Compliance 电磁兼容	FCC Title 47 Part 15 Class B
Max Case Temperature (Tcase) TC温度点	90°C	Audible noise 噪音	<24dB

Model Parameter List/ 型号参数列表

产品型号 Product Model	输出功率 PO	输出电压 Vout	输出电流 Iout	功率因素 (PF)		效率 Efficiency	THD
				@120V	@230V		
IS070038175-1G	66.5W	30-38V	1750mA	≥0.90	≥0.90	≥86%	<20%
IS070038163-1G	62.0W	30-38V	1630mA	≥0.90	≥0.90	≥86%	<20%

LIFETIME/寿命



Packing Drawing/ 包装示意图



Packing specification/ 包装规格	
Material 材质	Carton
Outside carton size 外箱尺寸	L51.6 × W41.6 × H24cm
Environment request 环保要求	Passed ROHS
Exterior appearance request 外观标准	No damage/No dirt/No edges incisi 无破损、无脏污、切口无毛边
Each Box 装箱	50pcs

Notes/ 备注

1. The start-up time on all drivers is <1s