

External Power Supplies

Features

- Ultra high efficiency up to 88%
- Universal AC input/Full range
- Protection Requirements:Electronic short circuit / Over voltage / Over temperature / Over load
- Built-in active PFC function
- Full UL1310 Class 2
- Cooling by free air convection
- All ageing at full load
- Suitable for LED panel light
- LED display applications
- Worldwide safety standards for lighting
- 5 years warranty

Input

- Input Voltage: 90~264VAC;127~370VDC
- Frequency: 47-63Hz
- Input Current: 0.15A 115VAC;0.075A 230VAC
- Power Factor: PF \geq 0.9 at 75~100% load
115VAC/230VAC $>$ 93%
- Efficiency (Typ.): 88%
- Leakage Current: $<$ 0.75mA/ 240VAC
- Inrush Current: 60A 230VAC

Safety Standards

- UL1310/UL1012,UL8750,EN61347-1,EN61347-2-13
CSA C22.2 No.223-M91

EMC Standards

- EN55015 , EN61547 , ENV50204

Withstand Voltage

- I/P-O/P: 3.75KVAC

Harmonic Current

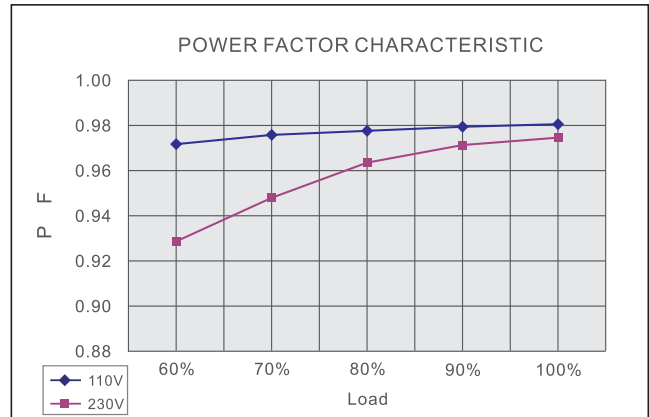
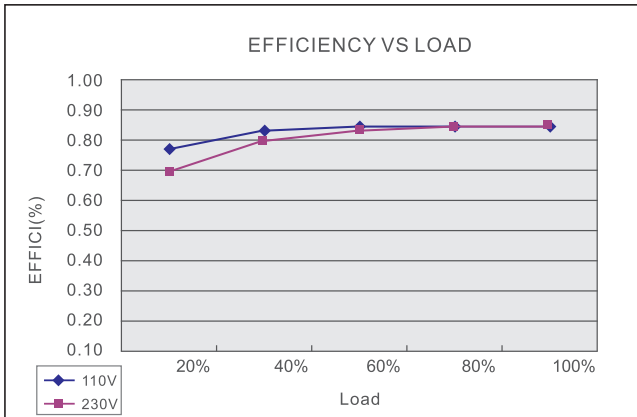
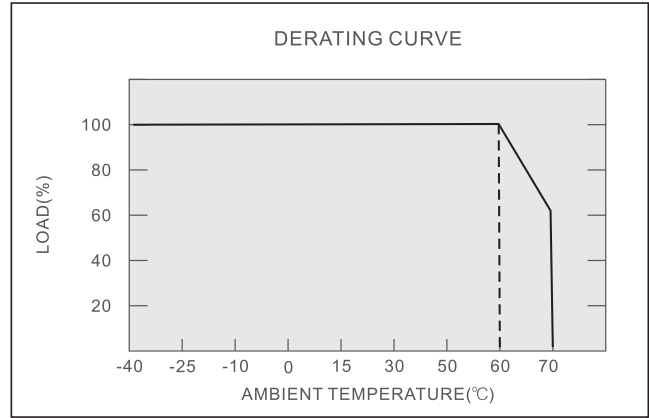
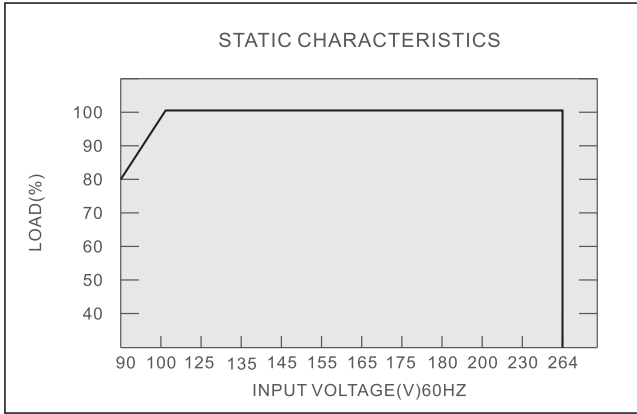
- EN61000-3-2 Class C (\geq 75% load)
- EN61000-3-3

Isolation Resistance

- I/P-O/P:100M Ohs/500VDC/25°C/70%RH

Environment

- Working Temperature: -40~+60°C
- Working Humidity: 20~95%RH
- Storage Temp & Humidity: -40~+80°C,10~95%RH
- Vibration: 10~500Hz, 2G 12 min/ 1 cycle,period for
72 min.each along X、 Y、 Z axes



Product Tables for Panel Light

MODEL	LAWI290C 0030SFA	LAWM220C 0060SFA	LAWR290C 0090SFA	LAWS290C 0120SFA	LAWU290C 0180SFA	LAWU220C 0240SFA	LAWV290C 0240SFA
Constant Current Region	21~29V	16~22V	21~29V	21~29V	21~29V	16~22V	21~29V
Current Range	0~0.3A	0~0.6A	0~0.9A	0~1.2A	0~1.8A	0~2.4A	0~2.4A
Rated Power	9W	14W	27W	35W	60W	60W	70W
Dimension	113*49*30mm		174*66*35mm		194*66*39mm		220*70*33mm

Note

Voltage tolerance:±5%; Line Regulation:±3.0%; Load Regulation:±5%
Setup,Rise time: 3s,100ms(full load) 230VAC/115VAC

Packing & Shipping

Filler Types	PCS Per Ctn	GW (kg)	Net Weight (kg)	Carton Size (mm)	CBM (m³)	Container (ft)	Boxes Container	Qty Container
No Filler	40	8.3	0.16	305*300*184	0.02	20	1596	63840
						40	3192	127680
No Filler	40	11.2	0.25	370*367*188	0.03	20	1080	43200
						40	2160	86400
No Filler	40	12.4	0.29	403*347*190	0.03	20	1008	40320
						40	2016	80640