



External Power Supplies

Features

- Ultra high efficiency up to 93%
- Universal AC input/Full range(up to 305VAC)
- Protection Requirements:Electronic short circuit / Over voltage / Over temperature / Over load
- Built-in active PFC function
- IP65/IP67 design for indoor or outdoor
- Cooling by free air convection
- All ageing at full load
- Suitable for LED lighting, LED display, street lighting applications
- Worldwide safety standards for lighting
- 5 years warranty

Input

- Input Voltage: 90~305VAC;127~370VDC
- Frequency: 47-63Hz
- Input Current: 3A 115VAC;1.5A 230VAC
- Power Factor: PF \geq 0.95 230VAC
PF \geq 0.98 115AVC (full load)
PF \geq 0.95 at 50~100% load
- Efficiency (Typ.): 93%
- Leakage Current: < 0.75mA/ 240VAC
- Inrush Current: 120A 230VAC

Safety Standards

- UL1012,UL8750, EN61347-1, EN61347-2-13

EMC Standards

- EN55015,EN61547,ENV50204

Withstand Voltage

- I/P-O/P: 3KVAC
- I/P-FG: 1.5KVAC
- O/P-FG: 0.5KVAC

Harmonic Current

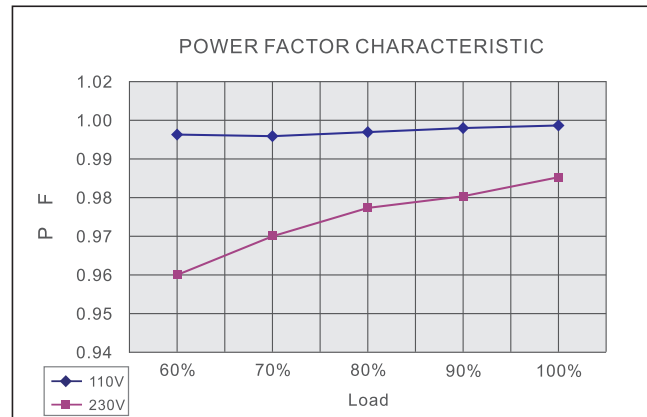
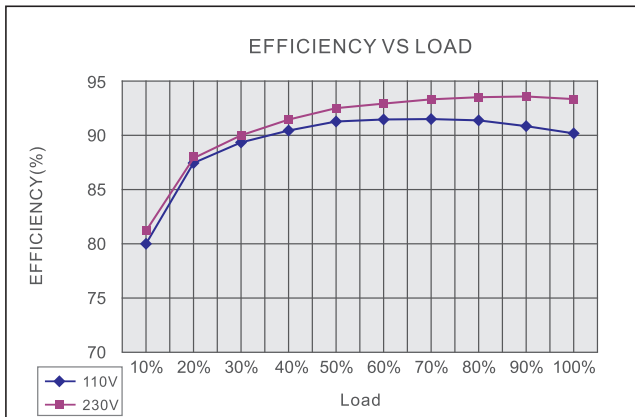
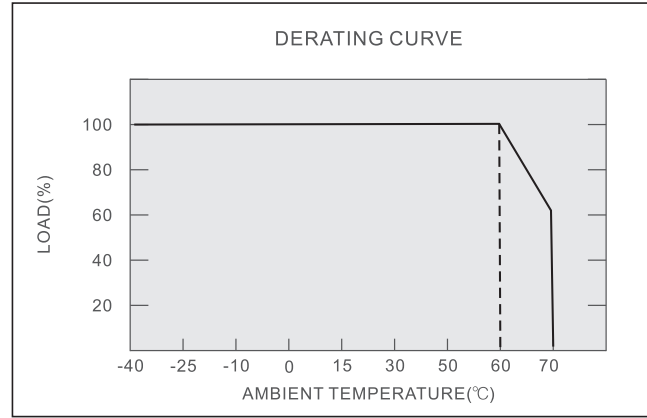
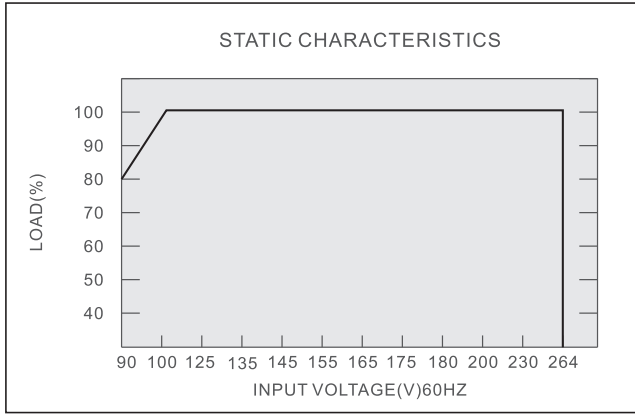
- EN61000-3-2 Class C (\geq 75% load)
- EN61000-3-3

Isolation Resistance

- I/P-O/P, I/P-FG, OP-FG: 100M Ohms/
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, 5G 12 min/ 1 cycle,period for
72 min.each along X、Y、Z axes



Product Tables for 200W

MODEL	LAWY120P 1200SSA	LAWY150P 1100SSA	LAWY240P 0833SSA	LAWY360P 0555SSA	LAWY480P 0420SSA	LAWY540P 0370SSA
Constant Current Region	8~12V	11~15V	17~24V	25~36V	40~48V	42~54V
Current Range	0~12A	0~11A	0~8.33A	0~5.55A	0~4.2A	0~3.7A
Rated Power	144W	165W	199.9W	199.8W	201.6W	199.8W
Dimension	220*68*38.8mm					
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)	Measurement (mm)	CBM (m³)	Container (ft)	Ctn Container	PCS per Container
With Filler	12	17.4	14.484	245*68*39	0.0187	20	1440	17280
						40	3168	38016