

ISC-013W-025/027/030/032RUSP-J



Feature

- Input voltage range:90-305VAC
- High efficiency: 83% typical@110VAC with full load
- Active PFC: 0.99 typical @110VAC with full load
- Surge protection
- IP20 compliant
- Protections: OVP, SCP, OTP
- Compliance to worldwide safety regulations for lighting
- CUL / CE
- Dimming control: TRIAC & ELV
- 4 optional output current level
- 5-years warranty (conditions apply)

Electrical Specification

Input voltage range:	90—305VAC
Frequency:	47-63Hz
Power factor:	0.99 at 110VAC;0.95at 220VAC
Inrush current:	10A MAX(25°C at 220VAC,cold start)
Efficiency:	85%(typical) at 220VAC maximum load
Maximum power:	13W
Line regulation:	±5%
Load regulation:	±8%
Leakage current:	0.5mA MAX @277VAC/50Hz
Protections:	Over voltage, short circuit, over temperature

Environmental Specification

Operating temperature:	-25°C — +70°C
Storage temperature:	-40°C — +85°C
Maximum case temperature:	90°C
Humidity:	10% —100%RH
Cooling method:	Convection
Isolation:	Input/output 2000VDC
MTBF:	500,000 hours full load at 25°C ambient
Life time:	45,000 hours @TC<=70°C, full load
Reference dimension(L*W*H):	94*40*25(mm)

Model Specification

Model Number	Output Current	Dimming	Output Voltage Range	Eff.@110Vac	Eff.@220Vac
ISC-013W-025/027/030/032RUSP-J	250/275/300/325mA	TRIAC & ELV	26—42Vdc	83%	84%