

ISCP-400W-XXXSMTM-Z

Constant Power Output & Current Programmable



Feature

- Input voltage range:90-305VAC
- High efficiency: up to 93% typical@230VAC with full load
- Active PFC: 0.99 typical @120VAC with full load
- Surge protection
- IP67 compliant
- Protections: OVP, SCP, OTP
- Compliance to worldwide safety regulations for lighting
- CUL / CE/ CCC/ CB
- Dimming control: 0-10V
- 5-year warranty

Electrical Specification

Input voltage range:	90—305VAC
Frequency:	47—63Hz
Power factor:	0.99 at 120VAC;0.96 at 230VAC(typical)
Inrush current:	65A MAX(25°C at 230VAC,cold start)
Efficiency:	93%(typical) at 230VAC maximum load
Maximum power:	400W
Output current accuracy:	±5%
Line regulation:	±1%
Load regulation:	±3%
Leakage current:	1mA MAX @277VAC/60Hz
Protections:	Over voltage, short circuit, over temperature

Environmental Specification

Operating temperature:	-40°C — +70°C
Storage temperature:	-40°C — +85°C
Maximum case temperature:	85°C
Humidity:	20% —95%RH
Cooling method:	Convection
Surge immunity test:	2KV DM; 4KV CM
Isolation:	Input/output 3750VAC, Input&output to ground 1600VAC
MTBF:	320,000 hours full load at 25°C ambient
Life time:	45,000 hours @ TC<=85°C
Reference dimension(L*W*H):	252/225*90*42(mm)

Model Specification

Model Number	Output Current	Dimming	Output Voltage Range	Eff.@115Vac	Eff.@230Vac
ISCP-400W-420SMTM-Z	4200mA	0-10V	142Vdc	90%	92%
ISCP-400W-210SMTM-Z	2100mA	0-10V	142Vdc	91%	93%