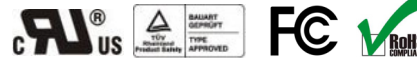




Features:

- Active Power Factor Correction
- Single Output
- 8.4 VDC to 41.4 VDC Output Available
- Constant Current Output
- Meets CEC Level V Efficiency
- RoHS Compliant



Input

Input Voltage	90 to 130 VAC
Input Frequency	50 to 60Hz
Input Current (Low Line)	0.45A Max. at 100VAC
Input Current (High Line)	0.40A Max. at 120VAC
Power Factor Correction	0.95 Typical at 115VAC, Full Load
Safety Ground Leakage Current	0.5mA Max. at 120VAC, Full Load

Output

Output Voltage & Current	<i>See Chart</i>
Ripple & Noise (P-P)	6.0 Vp-p Max., Full Load at 90VAC Input
Over-Load Protection	Set at 110 - 150% of Nominal Output Current

Environmental

Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Relative Humidity	0% to 95% Non-Condensing

Electrical

Efficiency	85% Typical
Start-Up Time	5 Sec. Max.
Hold-Up Time	1 mSec. Min.
Line Regulation	±1% Max. at Full Load
Load Regulation	+10% Max. at 115 VAC
Inrush Current	25A Max. at 120VAC, 25°C Cold Start
Mean Time Between Failure (MTBF)	100,000 Hours Min., Full Load at 25°C Ambient

Safety

EMI Requirements	Meets Conduction Limits of: (A) UL1310 Class 2 (B) FCC Part 15 Class B (C) EN61347 & IEC61347
Safety Standards	Meets or Exceeds: (A) UR Listed (B) TUV/Bauart (C) FCC

Single Output Voltage and Current Chart

Model Number**	Output Voltage	Maximum Constant Current	Maximum Output Power
SLD130P12R	8.4 - 13.8 VDC	2.50 A	30W
SLD130P24R	16.8 - 27.6 VDC	1.25 A	30W
SLD130P36R	25.2 - 41.4 VDC	0.833 A	30W

Pin Connection

Pin	1	2	3	4	5
Connection	Line	N/C	Neutral	Return	Output

Note:

Dimensions shown are: mm [inches].

Input connector mates with 16 AWG wire.

Output connector mates with 20 AWG wire.

