



Electrical specifications

Input

Voltage 90 - 305 Vac
 Current 0.5 Arms MAX.
 Frequency 47 - 63 Hz
 Power factor 90% min. (at 110Vac, 230VAC)
 Total harmonic distortion 20% MAX.
 Efficiency..... 80% minimum

Output

Voltage (Vo)..... (see table)
 Power (Po)..... 20W Max.
 Line regulation..... +/- 1%
 Load regulation..... +/- 5%
 Over voltage protection... Auto recover mode
 Over current protection.... 2 steps controlled current source
 Short circuit protection..... Built-in
 Ripple/Noise..... 2V Max. (20MHz bandwidth)

Output Electronic Specifications

Model#	Vo	Io	Po	CC
LDP020-120-00	12.0V	1.66A	20W	6~12V
LDP020-150-00	15.0V	1.33A	20W	7~15V
LDP020-240-00	24.0V	0.83A	20W	12~24V
LDP020-360-00	36.0V	0.55A	20W	18~36V
LDP020-480-00	48.0V	0.41A	20W	24~48V
LDP020-241-00	24.0V	700mA	16.8W	12~24V
LDP020-361-00	36.0V	350mA	12.6W	18~36V
LDP020-481-00	48.0V	350mA	16.8W	24~48V

Features

- Plastic case for IP64
- Over voltage protection
- Over current protection
- PWM dimming option
- Constant voltage status (0~full amperage)
- Constant current status (as **CC** in table)
- Level B EMI filter
- High efficiency & High quality
- MTBF 100,000hrs min. at 25°C ambient

Environmental

Operating temperature

-20°C to +60°C ambient

Storage temperature

-20°C to +80°C ambient

EMI

FCC class B
 CISPR 22 class B

Safety

UL1310 for class 2



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