



- Ultra High Efficiency (Up to 90%)
- Active Power Factor Correction (typ 0.99)
- Constant Output Current
- Waterproof (IP67)
- All-Round Protection: OVP, SCP, OTP
- Complies with Worldwide Safety & EMC Regulations
- Lightning Protection



Model Number	Output Voltage Range	Output Amps Range	Efficiency @ 220Vin	Over Voltage Protection
ELP100-12286	172-286Volts(DC)	0.332-0.368 Amps	92%	343~401 Volts(DC)
ELP100-12222	132-222Volts(DC)	0.427-0.473 Amps	92%	266~311 Volts(DC)
ELP100-12143	86-143Volts(DC)	0.665-0.735 Amps	91%	171~200 Volts(DC)
ELP100-1295	57-95Volts(DC)	0.997-1.102 Amps	91%	114~133 Volts(DC)
ELP100-1272	43-72Volts(DC)	1.33-1.47 Amps	91%	86~101 Volts(DC)
ELP100-1257	34-57Volts(DC)	1.662-1.837 Amps	91%	68~80 Volts(DC)
ELP100-1248	29-48Volts(DC)	1.995-2.205 Amps	91%	57~67 Volts(DC)
ELP100-1241	25-41Volts(DC)	2.327-2.572 Amps	91%	49~58 Volts(DC)
ELP100-1236	22-36Volts(DC)	2.66-2.94 Amps	90.5%	43~51 Volts(DC)
ELP100-1232	19-32Volts(DC)	2.992-3.307 Amps	90.5%	38~45 Volts(DC)
ELP100-1228	17-28Volts(DC)	3.391-3.748 Amps	90.5%	33~40 Volts(DC)
ELP100-1224	14-24Volts(DC)	3.99-4.410 Amps	90.5%	28~34 Volts(DC)



100W LED Driver with PFC

ELP100 series

INPUT SPECIFICATIONS

Table with 2 columns: Input Voltage Range, Frequency Range, Input Current (FL), Inrush Current (230VAC I/P) and their respective values.

OUTPUT SPECIFICATIONS

Table with 2 columns: Voltage and Current, Line Regulation, Load Regulation, Ripple/Noise, Turn-on Delay Time, Over Voltage Protection, Shortt Circuit Protection, Over Temperature Protection and their respective values.

ENVIRONMENTAL SPECIFICATIONS

Table with 2 columns: Oper. Temperature, Storage Temperature, MTBF, Life Time and their respective values.

All specifications are typical at nominal input, full load, and 25°C unless otherwise noted

PHYSICAL SPECIFICATIONS

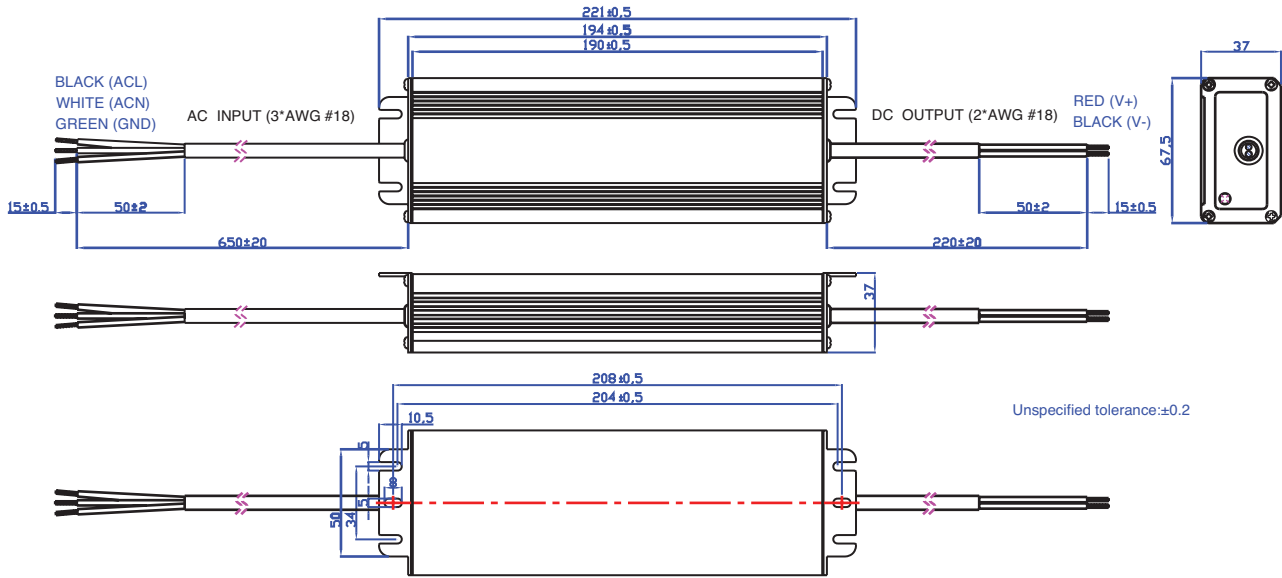
Table with 2 columns: Size (Millimeters, Inches) and Weight, with their respective values.

GENERAL SPECIFICATIONS

Table with 2 columns: Safety (USA & Canada), CE (Europe), EMI, Efficiency, EMS and their respective specifications.

Astrodyne products are not authorized or warranted for use as critical components in life support systems, equipment used in hazardous environments, nuclear controls systems, or other mission-critical applications.

### MECHANICAL DIMENSION



### DERATE

