



- Ultra High Efficiency (Up to 92%)
- 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
ELP150-12428	256-428Volts(DC)	0.332-0.368 Amps	92%	514~642 Volts(DC)
ELP150-12333	200-333Volts(DC)	0.427-0.473 Amps	92%	400~500 Volts(DC)
ELP150-12214	128-214Volts(DC)	0.665-0.735 Amps	92%	257~321 Volts(DC)
ELP150-12142	85-142Volts(DC)	0.997-1.103 Amps	92%	170~213 Volts(DC)
ELP150-12107	64-107Volts(DC)	1.33-1.407 Amps	91%	128~161 Volts(DC)
ELP150-1285	51-85Volts(DC)	1.662-1.838 Amps	91%	102~128 Volts(DC)
ELP150-1271	42-71Volts(DC)	1.995-2.205 Amps	91%	85~107 Volts(DC)
ELP150-1261	36-61Volts(DC)	2.327-2.573 Amps	91%	73~92 Volts(DC)
ELP150-1253	31-53Volts(DC)	2.66-2.94 Amps	91%	64~80 Volts(DC)
ELP150-1247	28-47Volts(DC)	2.992-3.308 Amps	91%	56~71 Volts(DC)
ELP150-1242	25-42Volts(DC)	3.325-3.675 Amps	91%	50~63 Volts(DC)
ELP150-1235	31-35Volts(DC)	3.99-4.41 Amps	90%	42~53 Volts(DC)
ELP150-1230	18-30Volts(DC)	4.655-5.145 Amps	90%	36~45 Volts(DC)
ELP150-1225	15-25Volts(DC)	5.652-6.348 Amps	90%	30~38 Volts(DC)



150W LED Driver with PFC

ELP150 series

INPUT SPECIFICATIONS

Table with 2 columns: Input Voltage Range, Frequency Range, Input Current, Inrush Current and their respective values.

OUTPUT SPECIFICATIONS

Table with 2 columns: Voltage and Current, Line Regulation, Load Regulation, Ripple/Noise, Turn-on Delay Time, Output Overshoot / Undershoot, Over Voltage Protection, Short 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

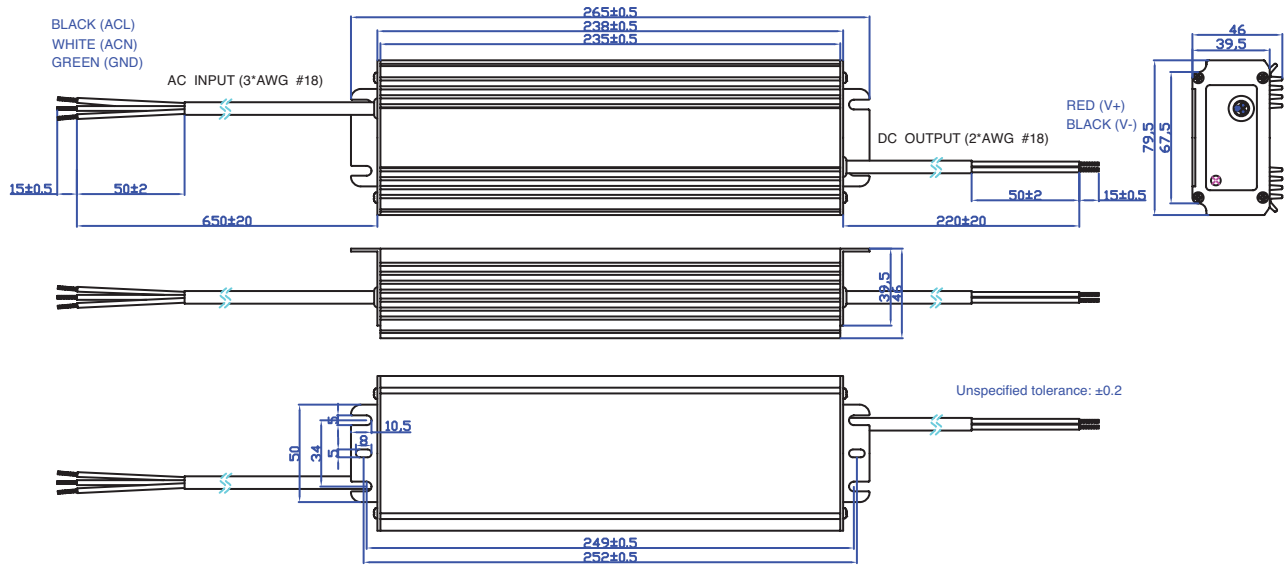
Table with 3 columns: Size (Millimeters, Inches) and Weight.

GENERAL SPECIFICATIONS

Table with 2 columns: Safety, 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 CURVES

