



The LSLED series of polymeric enclosure power supplies support higher wattages than class 2 power supplies. They are suitable for weather exposed locations due to its highly durable enclosure. The power supply supports loop in/out on the input/primary side, and up to 2 circuits on the output/secondary side.

The LSLED, fully UL listed, wet location power supply can be used in a wide array of locations, including coastal/marine and landscaped areas using fertilisers and reclaimed water. It is suitable for applications requiring a higher capacity DC power supply.

### Electrical

|                               |                                                                    |
|-------------------------------|--------------------------------------------------------------------|
| <b>Input Voltage</b>          | 120-277V, 50/60Hz                                                  |
| <b>Output Voltage</b>         | 24V DC<br>30V DC                                                   |
| <b>Output Power</b>           | 120W                                                               |
| <b>Efficiency (typ)</b>       | 93%                                                                |
| <b>Electrical Connections</b> | Line Voltage In (2+E), 2 x #12 max<br>Low Voltage Out, 2 x #12 max |
| <b>Entries</b>                | 2 x 3/4" - Power In/Out<br>2 x 3/4" - Low Voltage Out              |

### Protection

|                         |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Over Current</b>     | 95 ~ 108%<br>Protection type: Constant current limiting, recovers automatically after fault condition is removed |
| <b>Short Circuit</b>    | Constant current limiting, recovers automatically after fault condition is removed                               |
| <b>Over Voltage</b>     | Protection type: Shut down o/p voltage with auto-recovery or re-power on to recovery                             |
| <b>Over Temperature</b> | Shut down o/p voltage, recovers automatically after temperature goes down                                        |

### Physical

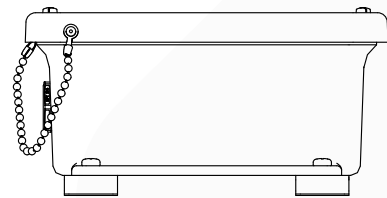
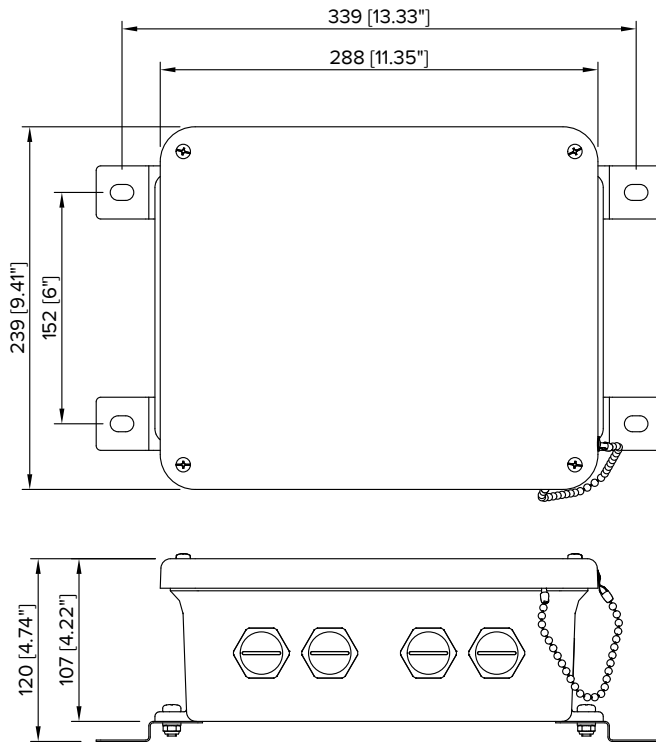
|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| <b>IP/NEMA Rating</b>                | 1, 3R, 4X, 6P, 12                                         |
| <b>Housing</b>                       | Fiberglass reinforced polyester, Stainless Steel hardware |
| <b>Finish</b>                        | Powder coated Glacier Grey                                |
| <b>Installation</b>                  | Surface-mounted                                           |
| <b>Dimensions</b>                    | 11.4" x 9.4" x 4.2" (339mm x 239mm x 107mm)               |
| <b>Hole Pattern</b>                  | 13.3" x 6.0" (339mm x 152mm)                              |
| <b>Mounting Hole Size</b>            | Clearance for 3/8" (M10)                                  |
| <b>Ambient Operating Temperature</b> | -40°F to 122°F (-40°C to 50°C)                            |
| <b>Weight</b>                        | 7.5lb (3.4kg)                                             |

### Certification & Compliance

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Approved Use</b>   | Dry, Damp, Wet locations         |
| <b>Certifications</b> | ANSI/UL 2108 Wet location Listed |



Dimensions



|              |             |                |             |                |             |
|--------------|-------------|----------------|-------------|----------------|-------------|
| LSLED        |             | 120W           | P           | 09             |             |
| <b>Power</b> | <b>Code</b> | <b>Wattage</b> | <b>Code</b> | <b>Voltage</b> | <b>Code</b> |
| 24V DC       | 24V         | 120W           | 120W        | 120-277V       | 09          |
| 30V DC       | 30V         |                |             |                |             |



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**Electrical**

|                               |                                                                    |
|-------------------------------|--------------------------------------------------------------------|
| <b>Input Voltage</b>          | 120-277V, 50/60Hz                                                  |
| <b>Output Voltage</b>         | 24V DC<br>30V DC                                                   |
| <b>Output Power</b>           | 240W                                                               |
| <b>Efficiency (typ)</b>       | 92.5%                                                              |
| <b>Electrical Connections</b> | Line Voltage In (2+E), 2 x #12 max<br>Low Voltage Out, 2 x #12 max |
| <b>Entries</b>                | 2 x 3/4" - Power In/Out<br>2 x 3/4" - Low Voltage Out              |

**Protection**

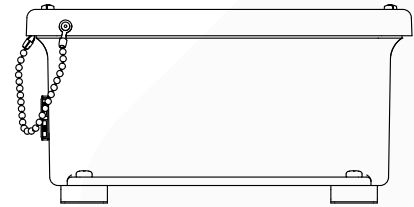
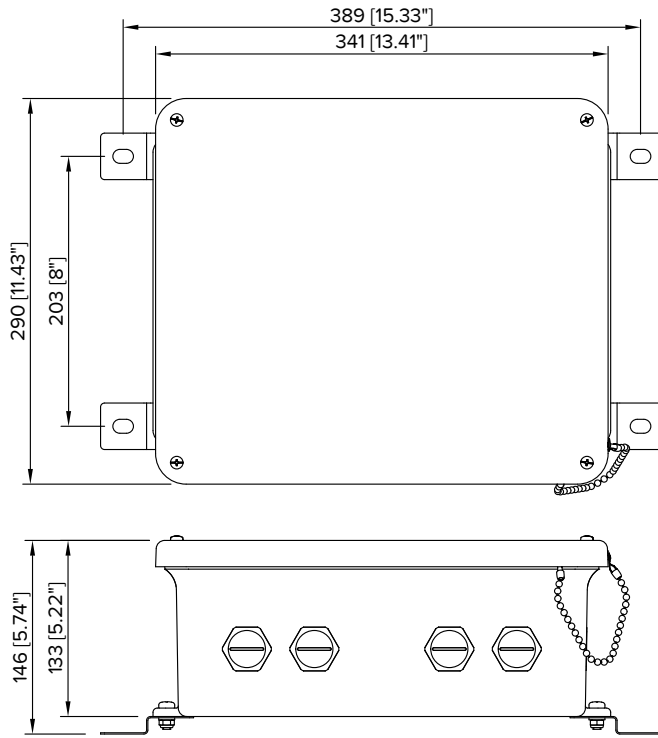
|                         |                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------|
| <b>Over Current</b>     | 95 ~ 108%<br>Constant current limiting, recovers automatically after fault condition is removed |
| <b>Short Circuit</b>    | Hiccup mode, recovers automatically after fault condition is removed                            |
| <b>Over Voltage</b>     | Shut down and latch off o/p voltage, re-power to recover                                        |
| <b>Over Temperature</b> | Shut down and latch off o/p voltage, re-power to recover                                        |

**Physical**

|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| <b>IP/NEMA Rating</b>                | 1, 3R, 4X, 6P, 12                                         |
| <b>Housing</b>                       | Fiberglass reinforced polyester, Stainless Steel hardware |
| <b>Finish</b>                        | Powder coated Glacier Grey                                |
| <b>Installation</b>                  | Surface-mounted                                           |
| <b>Dimensions</b>                    | 13.4" x 11.4" x 5.2" (341mm x 290mm x 133mm)              |
| <b>Hole Pattern</b>                  | 15.3" x 8.0" (389mm x 203mm)                              |
| <b>Mounting Hole Size</b>            | Clearance for 3/8" (M10)                                  |
| <b>Ambient Operating Temperature</b> | -40°F to 122°F (-40°C to 50°C)                            |



Dimensions



|              |             |                |             |                |             |
|--------------|-------------|----------------|-------------|----------------|-------------|
| LSLED        |             | 240W           | P           | 09             |             |
| <b>Power</b> | <b>Code</b> | <b>Wattage</b> | <b>Code</b> | <b>Voltage</b> | <b>Code</b> |
| 24V DC       | 24V         | 240W           | 240W        | 120-277V       | 09          |
| 30V DC       | 30V         |                |             |                |             |



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### Electrical

|                               |                                                                    |
|-------------------------------|--------------------------------------------------------------------|
| <b>Input Voltage</b>          | 120-277V, 50/60Hz                                                  |
| <b>Output Voltage</b>         | 24V DC<br>30V DC                                                   |
| <b>Output Power</b>           | 320W                                                               |
| <b>Efficiency (typ)</b>       | 94%                                                                |
| <b>Electrical Connections</b> | Line Voltage In (2+E), 2 x #12 max<br>Low Voltage Out, 2 x #12 max |
| <b>Entries</b>                | 2 x 3/4" - Power In/Out<br>2 x 3/4" - Low Voltage Out              |

### Protection

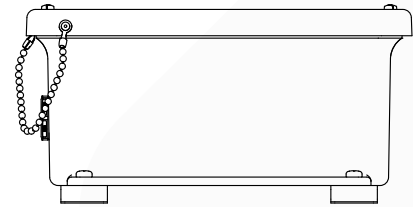
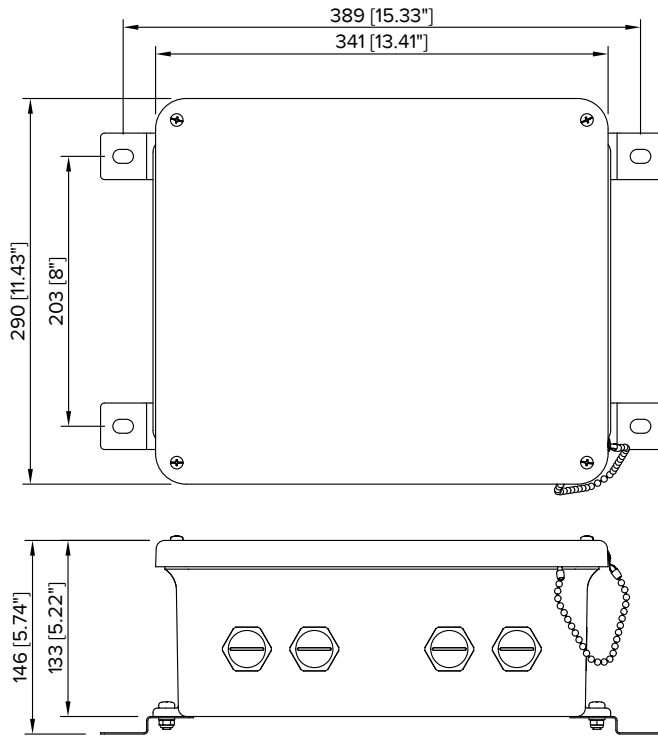
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|-------------------------|-------------------------------------------------------------------------------------------------|
| <b>Over Current</b>     | 95 ~ 108%<br>Constant current limiting, recovers automatically after fault condition is removed |
| <b>Short Circuit</b>    | Hiccup mode, recovers automatically after fault condition is removed                            |
| <b>Over Voltage</b>     | Shut down and latch off o/p voltage, re-power to recover                                        |
| <b>Over Temperature</b> | Shut down and latch off o/p voltage, re-power to recover                                        |

### Physical

|                                      |                                                           |
|--------------------------------------|-----------------------------------------------------------|
| <b>IP/NEMA Rating</b>                | 1, 3R, 4X, 6P, 12                                         |
| <b>Housing</b>                       | Fiberglass reinforced polyester, Stainless Steel hardware |
| <b>Finish</b>                        | Powder coated Glacier Grey                                |
| <b>Installation</b>                  | Surface-mounted                                           |
| <b>Dimensions</b>                    | 13.4" x 11.4" x 5.2" (341mm x 290mm x 133mm)              |
| <b>Hole Pattern</b>                  | 15.3" x 8.0" (389mm x 203mm)                              |
| <b>Mounting Hole Size</b>            | Clearance for 3/8" (M10)                                  |
| <b>Ambient Operating Temperature</b> | -40°F to 104°F (-40°C to 40°C)                            |
| <b>Weight</b>                        | 12.1lb (5.5kg)                                            |



Dimensions



|              |             |                |             |                |             |    |
|--------------|-------------|----------------|-------------|----------------|-------------|----|
| LSLED        |             |                | 320W        |                | P           | 09 |
| <b>Power</b> | <b>Code</b> | <b>Wattage</b> | <b>Code</b> | <b>Voltage</b> | <b>Code</b> |    |
| 24V DC       | 24V         | 320W           | 320W        | 120-277V       | 09          |    |
| 30V DC       | 30V         |                |             |                |             |    |