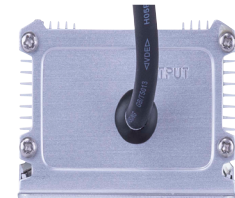


# 100w IP66 High Power Factor Weatherproof LED Driver

|                   |                                           |
|-------------------|-------------------------------------------|
| Material          | Aluminium                                 |
| Colour            | SILVER                                    |
| IP Rating         | IP66                                      |
| Input Voltage     | 240v AC                                   |
| Output Voltage    | Available in either 12v DC or 24v DC      |
| Max Wattage       | 100w (Recommended Max Wattage = 80w)      |
| Protection Class  | 1 (Earth Required)                        |
| Wiring            | Parallel                                  |
| No. Output Cables | 1                                         |
| Protections       | Short Circuit, Overload, Over Temperature |
| Warranty          | 3 Years Replacement                       |



## Product Ordering

| Part Number    | Output Voltage          | Barcode       |
|----------------|-------------------------|---------------|
| HV9658-12V100W | 12v DC Constant Voltage | 9350418007803 |
| HV9658-24V100W | 24v DC Constant Voltage | 9350418007834 |

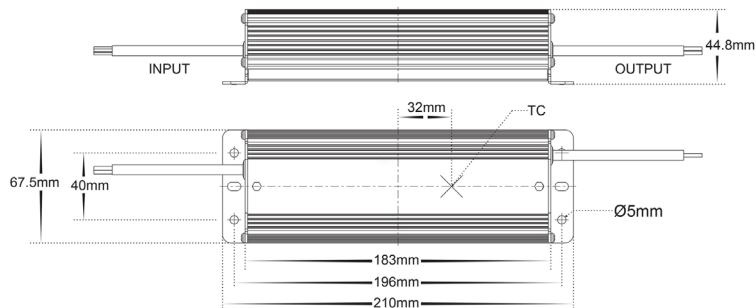


Website



Warranty  
Terms & Conditions

### Dimensions



Compatible with  
All Low Voltage Light Fittings

LED Strip Lighting

Garden Lighting

Step Lighting  
& more +

| Output       | HV9658-12V100W                  |                                                                               | HV9658-24V100W    |  |
|--------------|---------------------------------|-------------------------------------------------------------------------------|-------------------|--|
|              | DC Voltage                      | 12v DC                                                                        | 24v DC            |  |
|              | Voltage Tolerance               | ± 4V                                                                          | ± 2V              |  |
|              | Rated Current                   | 8.33A                                                                         | 4.17A             |  |
|              | Rated Power                     | 100W                                                                          |                   |  |
|              | Line Regulation                 | ± 1%                                                                          |                   |  |
|              | No. Output Cables               | 1                                                                             |                   |  |
|              | Set up time                     | 2000ms, 50ms(at full load)                                                    | 110V AC / 230V AC |  |
| Input        | Holding time (Typ.)             | 15ms(at full load)                                                            | 110V AC / 230V AC |  |
|              | Ripple and Noise(max)           | 120mVp-p                                                                      | 240mVp-p          |  |
|              | Load Regulation                 | ± 2%                                                                          |                   |  |
|              | Voltage range Note 2            | 170~264V AC                                                                   |                   |  |
|              | Frequency Range                 | 47 - 63Hz                                                                     |                   |  |
|              | Power Factor (TYP.) @ Full Load | PF ≥ 0.45 / 230V (at full load)                                               |                   |  |
|              | Efficiency(Typ.)@ Full Load     | 86.5%                                                                         | 89%               |  |
|              | AC Current (Max)                | 0.60A / 230V AC                                                               |                   |  |
| Protections  | Inrush Current (TYP)            | Cold start: 50A / 230V AC                                                     |                   |  |
|              | Leakage Current                 | <0.75mA / 240V AC                                                             |                   |  |
|              | Short Circuit                   | Hiccup mode, Recover automatically after fault condition is removed           |                   |  |
|              | Overload                        | 104% - 130% of the rated output power                                         |                   |  |
|              | Over Temperature                | Ta: 55°C ~ 65°C                                                               |                   |  |
|              | Over Voltage                    | 13-18V                                                                        | 24.5-35V          |  |
|              | Working Temp.                   | Ta: -25°C ~ +50°C                                                             |                   |  |
|              | Working Humidity                | 10%~90% RH, non-condensing                                                    |                   |  |
| Environment  | Storage TEMP. Humidity          | -25°C ~+75°C, 5%~95% RH                                                       |                   |  |
|              | TEMP. Coefficient               | ± 0.05%/°c (0-40°c)                                                           |                   |  |
|              | Vibration                       | 10~300Hz, 1G 10min./ 1 Cycle, Period for 60min, each along X,Y,Z axes         |                   |  |
|              | Safety Standards                | Compliance to EN61347-1, EN61347-2-13, AS/NZS61347-1, IP66 waterproof rating. |                   |  |
|              | Isolation Resistance            | I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C /70%RH                          |                   |  |
|              | Withstand voltage               | I/P-O/P: 3.75KVAC I/P-FG: 1.875KVAC O/P-FG: 0.5kVAC                           |                   |  |
|              | EMC Emission                    | Compliance to AS/NZS CISPR15                                                  |                   |  |
|              | EMC Immunity                    | Compliance to AS/NZS CISPR15                                                  |                   |  |
| Safety & EMC |                                 |                                                                               |                   |  |
|              |                                 |                                                                               |                   |  |
|              |                                 |                                                                               |                   |  |

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