

# 30w IP66

## 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       | 30w (Recommended Max Wattage = 24w)       |
| 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       |
|-------------|-------------------------|---------------|
| HV9652      | 12v DC Constant Voltage | 9350418002020 |
| HV9652-24V  | 24v DC Constant Voltage | 9350418002037 |



Website



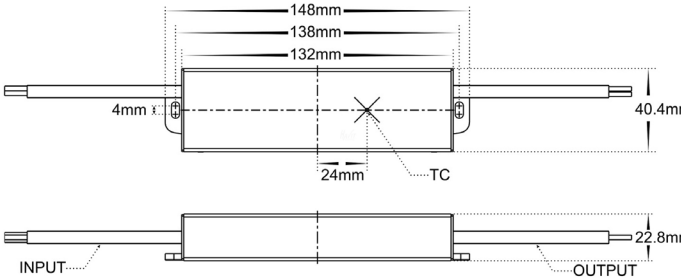
Warranty  
Terms & Conditions



Havit Lighting 143 Beauchamp Road, Matraville, N.S.W. 2036 | Phone: 02 9381 8300 |  
Fax: 02 9381 6661 | Email: sales@havit.com.au | Web: www.havit.com.au



Dimensions



|                         |                                | HV9652                                                                        | HV9652-24V |
|-------------------------|--------------------------------|-------------------------------------------------------------------------------|------------|
| <b>Output</b>           | DC Voltage                     | 12v DC                                                                        | 24v DC     |
|                         | Voltage Tolerance              | ± 4V                                                                          | ± 2V       |
|                         | Rated Current                  | 2.5A                                                                          | 1.25A      |
|                         | Rated Power                    | 30W                                                                           |            |
|                         | Line Regulation                | ± 1V                                                                          |            |
|                         | No. Output Cables              | ± 2V                                                                          |            |
|                         | Set up time                    | 2000ms, 50ms(at full load) 110V AC / 230V AC                                  |            |
|                         | Holding time (Typ.)            | 15ms(at full load) 110V AC / 230V AC                                          |            |
|                         | Ripple and Noise(max)          | 120mVp-p                                                                      | 240mVp-p   |
|                         | Load Regulation                | ± 2%                                                                          |            |
| <b>Input</b>            | Voltage range Note 2           | 90~264V AC                                                                    |            |
|                         | Frequency Range                | 47 - 63Hz                                                                     |            |
|                         | Power Factor (TYP) @ Full Load | PF ≥ 0.45 / 230V (at full load)                                               |            |
|                         | Efficiency(Typ.)@ Full Load    | 84%                                                                           | 85%        |
|                         | AC Current (Max)               | 0.32A / 230V AC                                                               |            |
|                         | Inrush Current (TYP)           | Cold start: 50A / 230V AC                                                     |            |
|                         | Leakage Current                | <0.75mA / 240V AC                                                             |            |
| <b>Protections</b>      | Short Circuit                  | Hiccup mode, Recover automatically after fault condition is removed           |            |
|                         | Overload                       | 104% - 140% of the rated output power                                         |            |
|                         | Over Temperature               | Ta: 60°C ~ 70°C                                                               |            |
| <b>Environment</b>      | Working Temp.                  | Ta: -25°C ~ +50°C                                                             |            |
|                         | Working Humidity               | 10%~90% RH, non-condensing                                                    |            |
|                         | 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         |            |
| <b>Safety &amp; EMC</b> | 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                          |            |
|                         | EMC Emission                   | Compliance to AS/NZS CISPR15                                                  |            |
|                         | EMC Immunity                   | Compliance to AS/NZS CISPR15                                                  |            |

