

# RUTLAND HRS/12 & HRS/24 REGULATOR

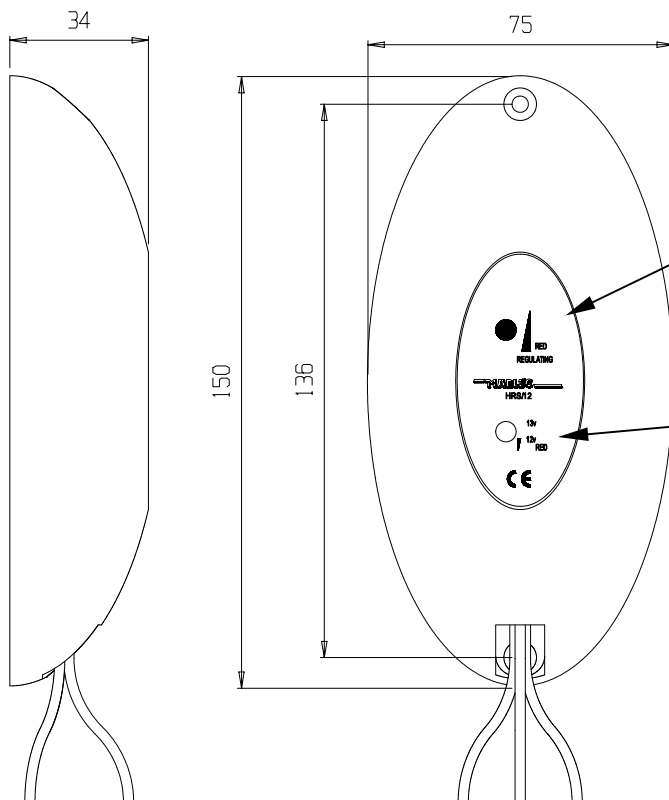
The HRS Regulator incorporates the latest Pulse Width Modulation (PWM) technology to regulate charge to the battery. Combined Windcharger and solar panel input for single battery bank charging, two tri-colour LED's indicate charging status and battery voltage



- 12 or 24V.
- The PWM electronic charge regulator tapers charge to the battery to limit current and avoid battery overcharge. When regulating the Windcharger speed is reduced.
- Built in blocking diode protects HRS and Windcharger from other charge sources to battery eg. Engine
- HRS unit for single battery bank.
- Wall mounted.
- LED indication of charging, regulating battery voltage.
- Designed for use with Rutland 503, 913 or FM910-3 plus up to 100w of solar.
- Cut in voltage 13.8 (27.6).
- Max voltage 14.4 (28.8).
- Simple 3 wire flying lead connection.

Models and applications:

HRS913/12V or /24V - Rutland 913 and FM910-3.  
HRS503/12V - Rutland 503



LED indicates system status:  
Green : Charging  
Amber : Charging & regulating  
Red : Regulating

LED indicates battery voltage:  
Green : >13 (>26)  
Amber : 12 – 13 (24 – 26)  
Red : < 12 (< 24)

Net weight: 0.12Kg

Carton weight: 0.2Kg  
Carton dims: 160x110x60mm