



**FAIRBURNS
GROUP**

Total Electrical Solutions

Mercury 150 - Solar Power Management Unit

The Mercury Solar Power Management Unit is a 12 volt DC power supply using solar generated energy to operate LED lighting systems without any other source of power. It is normally mounted on a lighting pole but can be fitted directly to shelters or buildings. The system is adjustable for different lighting loads and time of operation.



The timer relay and the controller unit provides the facility that limits the time period the power is supplied to the LED load after switching on. This can be adjusted from a few minutes to 24 hours.

The solar power controller unit regulates the charge to the battery and automatically switches off the current when the batteries are fully charged. Together with the solar panel, the controller switches the power to load when the light LUX levels are low and turns the power off when the LUX levels increase at dawn.

Specifications: Mercury 150 - Solar Power Management Unit

Product Code	MB150D-001-A1 / FE
Battery Voltage	12 Volt
Battery Specification	150 ampere hours fully charged (2 x 75h batteries – 25kg each)
Output Current	5 amps maximum per hour
Unit Size	380mm x 600mm x 210mm
Unit Surface Finish	Dipcoat primed, powder-coated in textured RAL 7035
Mounting Brackets	38mm – 168mm diameter using “ U” clamps
Weight fully loaded	67.00 Kg
Warranty	3 Years

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