

# EuLED - Mercury 54 Watt Solar Power Management Unit For LED Lighting

## EuLED - Mercury Range

Mercury 54 Watt DC  
Mercury 65 Watt DC

The Mercury 54 Watt 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 all 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 15 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.

## EuLED

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### Specifications: Mercury 54 Watt Solar Panel

Type	54 Watt Photovoltaic
Maximum Output Power	3.31 amps at 17.40 Volts
Size	650mm x 650mm x 40mm
Weight	8.00 Kg

### Specifications: Mercury 54 Watt Solar Power Management Unit

Battery Voltage	12 Volt
Battery Capacity	75 ampere hours fully charged
Power Output	1.50 amps for 6 hours over 8 days without charge
Output Current	5 amps maximum
Unit Size	380mm x 300mm x 210mm
Mounting Brackets	38mm -168mm diameter using " U" clamps
Weight fully loaded	22.00 Kg