

DBS908-Hybrid Multi-directional Solar Lighting System

This lighting system is designed for all aspects of illumination any ware across the UK.

PROGRAMMABLE Each premium light contains a custom built-in smart solar controller, offering access to the power brightness and lighting times needed. These algorithms are set in our factory prior to dispatch.

Luminary matched localized requirements and needs. MICROWAVE SENSOR covers a large 10m area; this offers a wider sensitive angle. Much more stable than traditional PIR sensors.

EXTERNAL SOLAR PANEL Each premium LED solar light unit is fully rechargeable. This system enables a permanent fixture of PV panels, which can be positioned in landscape or portrait orientation. Our UK designed and produced system is fully adjustable to match any 360° global horizon where the variation of different latitude or longitude needs can be maintained.

CONNECTION Using MC4 male & female plugs, the LED lights are directly connected to the solar panel. This is a quick and easy method using high performance cables to reduce power drop.

This product is HYBRID with an internal 230v AC power connection to charge batteries in the event of low sunlight times. This will provide solar charging throughout the year.

COMPACT SYSTEM. These luminaries are designed for a quick and easy installation process. (Tamper resistant fixings can be added to match localized needs). All equipment parts are positioned at top of columns using the unique DBS mounting system, this is designed to provide stability and maximum performance. Every DBS908 premium series finished product is provided with a 5-year warranty built in.

The solar panel is mounted on the top of the column pointing south. Each solar panel is sized to capture all available sunlight in a given place each day. According to this design, the energy is stored in a high-performance lithium phosphate battery which then distributes charge to illuminate luminary.

Car Park Lights® DBS908 Hybrid Multi-Directional Solar Lighting System

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- Features 12v/Hybrid AC powered LED
- Minimum CRI (colour rendering index) 85
- Colour temperature 3000-4000k
- LED's SMD5050 46-90Pcs (1w)
- Batwing spread
- luminaries' flux (lm) 5100-10,200
- LUM EFF (lm/W) 170
- Power consumption (W) 20-60
- Electrical insulation class III (SELV)
- Automatic charge control regulation 2-4 hours to fully charge battery
- Autonomy 3-5 days
- Luminous flux value 30-100%
- LED thermal protection Control of heat -25° C ~ 60° C
- Solar PV panel 100-200w
- PV panel mono-crystalline (25 years life)
- Battery 538wh (3000 cycles)
- Battery discharge time 12 hours
- Fixing 114mm diameter
- Protection degree IP65
- Weight 6kg
- Standard warranty 60 months
- 12-24v | CE | IP67 | RHOS

W.&O.E.