OMNISOLAR
Serious About Solar

Event Festival

EVENT-P-FESTIVAL-20M

Solar Powered Festoon Lighting System



Information &
Technical Datasheet

www.omnisolar.co.uk

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Introduction
integrated solar light

Hello sun exposure,

The Event-P-Festival-20M is a complete solar-powered festoon lighting solution designed for outdoor spaces where mains power is unavailable or expensive to install.

Powered by a high-efficiency bifacial solar engine with intelligent MPPT charging, the system delivers reliable decorative lighting for gardens, hospitality venues, campsites, weddings and public events.

With no trenching or electrical infrastructure required, installation is quick, clean and cost-effective while providing warm ambient lighting throughout the night.



Suitable for

- Park & Garden
- Hospitality
- Wedding Venues
- Festivals
- Camping
- Outdoor Events

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Rated Wattage	10W
Color Temperature	3000K
String Quantity	20m [65.6ft]
Lumens	1400lm
Number of Light Bulbs	20pcs

Product code

EVENT-P-FESTIVAL-20M

3+ YEARS

Omnisolar provides a 3-Year Limited Warranty for the Event-P-Festival-20M Solar Powered Festoon Lighting System. This warranty covers defects in materials and workmanship under normal installation and operating conditions from the date of purchase.

The warranty applies to the solar engine, battery, controller and festoon lighting components when installed and maintained in accordance with Omnisolar installation instructions. The system is designed for operation in ambient temperatures ranging from -20°C to +65°C.

Omnisolar reserves the right to modify product specifications without prior notice as part of our commitment to continuous product improvement.

Lighting

Efficiency	196 Lumens/Watts
Led	PHILIPS Luxeon 30-30
Lifetime	Over 100.000 Hrs - LM80
Optics	TI / T35 / 2300 to 6500K
Light height	From 3 to 4 meters

Battery

Technology	$LiFePO_4$
Capacity	25.6V / 42Ah
Energy Storage	1075Wh
Charging time	7–8 Hours
Autonomy	Up to 6 Days
Working Temperature	-20°C to +65°C

Energy

Solar panel	175W
Cells type	Bifacial Mono-crystalline
Efficiency	Up to 26%

Electronic

Controller	MPPT Smart Controller
Working Mode	100% Output Dusk to Dawn
Custom Profiles	Available
Technology	ASW 3.0 Intelligent Battery Protection

Mechanical

Pole mounting	76–89 mm
Material	Powder Coated Die Cast Aluminium
Protection	IP65
Impact Rating	IK08
Warranty	3 Years

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