

# SOLAR HIGH MAST LIGHTING SYSTEM

*Powering Progress with Sunlight*



## APPLICATIONS



Highways



Roundabout



Parking  
Lots



Road  
Intersections



Parks &  
Play Area



Refugee  
Camps



Factories &  
Warehouse



## PERFECT ENGG. (MYSORE) WORKS

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# TECHNICAL SPECIFICATIONS

## MAST

Height	10.5 Meters
Shape	Polygonal
No. of sections	Single
Protection	Hot dip Galvanized
Climbing rung	Included for maintenance
Colour Coating	Customizable
Wind Resistance	180 km / hr

## LIGHT FITTING

Type	LED floodlight
No. of lights	5 or 6
Power of the LED	90 Watts
Beam Angle	150 x 90°
Lumens	> 150 lm / w
Make of the LED chip	Osram / Bridgelux
Protection	IP 66

## POWER

Panel type	Monocrystalline
Total Power	1.8 kW
Connectors	MC 4
Battery type	Lithium Ion
Battery capacity	210 aH / 252 aH
Charge Controller	Included
Monitoring	Customizable

## ADVANTAGES

- ✓ Functions without any electric power source
- ✓ Robust design
- ✓ Automatic dusk to dawn operation
- ✓ Aesthetic appearance
- ✓ More savings in power costs
- ✓ No cables or electrical accessories required
- ✓ Environmental friendly
- ✓ Promotes sustainability



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