



## Solar High Mast

**The function of Solar High Mast Light is to provide safety and guidance of traffic and to provide secure and comfortable surroundings for the travellers. It turns ON or lit automatically from Dusk to Dawn or at specified timings or at periodic times, every night.**

### – Technical Specifications

LED Luminary	6X30W
Light Output	60Lux at 9m height
LED Life Span	> 50,000hrs
LED Efficacy	>140 lm/W
Operating Voltage	12.8V DC
Solar PV Panel	6X150Wp
Battery Capacity	LFP 12.8V, 80Ah (06nos)
Duty Cycle	Dusk to dawn (diming profile can set as per customer's requirement)
Autonomy	24Hrs
Ingress Protection	IP 65
Mounting Height	9m
Mast Pole	9 M Long GI Pole, Hot Deep Galvanized 20 sided polygonal shaped with manual Winch
Operating Temp.	-10°C to 50°C
Storage Temp.	-20°C to 70°C
Humidity	10% to 95% RH