

**Specifications of Light Tower (5000 W)**

S.N.	Parameter	Technical Specification	Remarks
1	Type	Portable	
<b>Engine</b>			
2	Cylinders	Minimum 3	
3	Power	Minimum 15 KVA	
4	Cooling system	Water	
5	Battery	12 V, 100 AH	
6	Fuel type	Diesel	
7	Tank Capacity	Minimum 100 Liters	
8	Start	Self Start	
<b>Alternator</b>			
9	Prime power rating	50 Hz, Minimum 0.8 Power Factor	
10	Insulation	H Class	
11	Excitation	AVR, Brushless	
12	Control Panel	Digital, Multidisplay Meter with various Indicators	
13	Available voltages	single phase, 220 V	
<b>Lighting Mast Configuration</b>			
14	Light fixture standard configuration	Minimum 6 x 1000 W	
15	Light Bulb Type	Metal Halide	
16	Total Lighting Power	Minimum 360 Lumens	
17	Mast Height (m)	Minimum 9	
18	Mast Deployment	Manual winch	
19	Mast position for Transport	Horizontal	
21	Receptacles	Minimum 2 x 20 amp, 3 x 30 Amp, 1 x 50 Amp	
<b>General</b>			
22	Light Rotation	346° manual rotation	
23	Maximum Wind Speed	Minimum 100 km/h	
24	Noise Level	<70 dB(A) at 7 m in free field conditions	
25	Maximum Towing Speed	Minimum 100 km/h	
26	Brakes in Trailer	Mechanical disc	
27	Lighting in Trailer	Brake light, side light	
28	Features	Generator and Mast should be mount in Trailer. While Travelling Mast should be horizontally mounted in the Trailer.	
29	Standard	ISO, CE or Equivalent	
30	Warranty	Minimum 2 years / provided by OEM whichever is greater.	

**Demonstration by suppliers should be done after delivery.**

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