



# Tower Technical Overview



**HUMMER**

ANHUI HUMMER DYNAMO CO., LTD

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# Towers from Hummer

## 1. Free-standing (Self-supporting) Tower (500W-100kW)

Self-supporting tower adopts polygon taper structure and quality steel materials which are strong enough to resist heavy wind. The surface of the tower is processed with the hot-dip galvanizing and spray paint, thus it is able to protect the tower from corrosion and rust. The exterior of tower is concise and well-formed. In addition, the tower takes up small land occupation.



## 2. Guyed Tower (500W-10kW)

Guyed tower section is assembled from several segments of high-strength steel tubes. The surface of tower is processed with preservative treatment including galvanization and spray paint. This kind of tower also have the features of low fabricating cost, convenient transportation and easy tear open outfit, etc. The tower is suitable for relatively extensive erection space like grassland, mountainous area and some remote area where crane is not available.



### 3. Hydraulic Tower System (1kW-100kW)

Thanks to the hydraulic pump system at the foot of tower, hydraulic tower can be erected up and laid down automatically. Apart from being provided with the advantages of free-standing tower, hydraulic tower is relatively easy and convenient to assemble and preserve. Possessing the manual and electrical hydraulic systems, the same hydraulic pump system can be recycled by multiple wind turbines. It will be your wise option especially for mountainous area, island and some remote areas where cranes are not accessible.



#### Technical Parameters

Model	Tower Height (m)
H2.7-500W	6
H3.1-1kW	8
H3.8-2 kW	10
H4.6-3 kW	12
H6.4-5 kW	12
H8.0-10 kW	12 (guyed tower); 15 (free-standing tower)
H9.0-20 kW	16
H10.0-30 kW	18
H16.5-50 kW	18
H20.8-100kW	24

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