

300W Horizontal Wind Turbines MS-EW300



1. Technical Parameter

Model [Ⓔ]	EW300 [Ⓔ]
Rated power(W) [Ⓔ]	300 [Ⓔ]
Rated voltage(V) [Ⓔ]	12/24 [Ⓔ]
Rated current (A) [Ⓔ]	25/12.5 [Ⓔ]
Rotor diameter(m) [Ⓔ]	1.55 [Ⓔ]
Start-up wind speed (m/s) [Ⓔ]	2.5 [Ⓔ]
Rated wind speed(m/s) [Ⓔ]	10 [Ⓔ]
Survival wind speed(m/s) [Ⓔ]	35 [Ⓔ]
Working form [Ⓔ]	PMG [Ⓔ]
Rotating direction [Ⓔ]	Clockwise [Ⓔ]
Blade NO.(piece) [Ⓔ]	3 [Ⓔ]
Blade material [Ⓔ]	Nylon [Ⓔ]
Tower height (m) [Ⓔ]	6 [Ⓔ]
Net weight(KG) [Ⓔ]	22 [Ⓔ]

2.Power curve



3.Structure



序号 No.	项目 Items	序号No.	项目Items
1.	风帽 nose cone	2.	风叶 blade
3.	风叶法兰盘hub	4.	前盖 front cover
5.	电机壳 housing	6.	定子 stator
7.	转子 rotor	8.	回转体 swing mechanism
9.	集电环 slip ring	10.	小立杆 swing axis
11.	尾舵 tail	12.	后风帽 back cover

4.Flange drawing

