

## TECHNICAL SPECIFICATION

Description	Model			
	RWT 6	RWT 15	RWT 33	RWT 42
<b>ELECTRICAL</b>				
Rotor diameter Meters/feet	2.2/7.2	3.2/11	4.65/15	4.90/16
Swept area Sq.mtr. / Sq.ft (1)	3.7/43	9.2/95	16.4/175	19/205
Number of Blades	3	3	2/3	3
Blade material	Carbon fibre reinforced	Carbon fibre reinforced	Carbon fibre reinforced	Carbon fibre reinforced
Rated Power Watts (1)	550	1350	2700	3400
@ Rated wind M/s / Mph	10/22	10/22	10/22	10/22
Rated Power Watts (2)	650	1500	3300	4200
@ Wind speeds M/s / Mph	10.5/24	10.5/24	10.5/24	11/24.6
Peak Power Watts @ 12.0 M/s	750	1700	3600	4600
Cut -in wind M/s / Mph	2.7/6	2.7/6	2.7/6	2.7/6

## MECHANICAL

Prop tip to centre cms / inch	28/11	35/14	56/22	56/22
Min. tip clearance cms / inch	20/8	28/11	36/14	36/14
Max tower dia at tip cms / inch	6/2.5	6/2.5	38/16	38/16
Mounting pipe / tube	P2.5"scd40	P2.5" scd 40	P5"scd 40	P5" scd 40
Tower top weight	23 kgs	34 kgs	77 kgs	89 kgs
Lateral thrust	550 nts	1000 nts	1400 nts	1600 nts

## MONTHLY GENERATION AVERAGE WIND SPEED

@ 4 M/s / 9 Mph	54kWh	117 kWh	269 kWh	310 kWh
@ 4.5 M/s / 10 Mph	72kWh	166 kWh	362 kWh	412 kWh
@ 4.9 M/s / 11 Mph	91 kWh	202 kWh	476 kWh	550 kWh
@ 5.4 M/s / 12 Mph	161 kWh	244 kWh	568 kWh	685 kWh