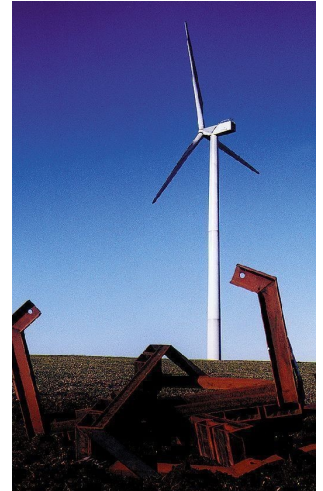


## DEWIND D6/62-1MW 1000 62.0

Company	DEWIND
Type/Version	D6/62-1MW
Rated power	1 000,0 kW
Secondary generator	0,0 kW
Rotor diameter	62,0 m
Tower	Tubular
Grid connection	50 Hz
Origin country	DE
Blade type	GFK
Generator type	Variable
Rpm, rated power	20,7 rpm
Rpm, initial	12,1 rpm
Hub height(s)	91,5; 68,5 m
Maximum blade width	0,00 m
Blade width for 90% radius	0,00 m
Valid	Yes
Creator	
Created	2000-08-31 00:00
Edited	2000-08-31 00:00



**Power curve:** Manufacturer 01/00 1.225 23.00 0.00  
 Source Manufacturer

Source date	Creator	Created	Edited	Default	Stop windSpeed [m/s]	Air density [kg/m <sup>3</sup> ]	Tip angle [°]	Power control	CT curve type
		2000-11-21 15:33	2001-05-31 10:26	Yes	23,0	1,225	0,0	Pitch	Standard pitch

Based on prospect material

### Power curve

Wind speed [m/s]	2,00	3,00	4,00	5,00	6,00	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00	15,00	16,00
Power [kW]	0,00	12,00	34,00	80,00	158,00	271,00	413,00	586,00	781,00	971,00	1 000,00	1 000,00	1 000,00	1 000,00	1 000,00
Ce	0,000	0,240	0,287	0,346	0,396	0,427	0,436	0,435	0,422	0,395	0,313	0,246	0,197	0,160	0,132

Wind speed [m/s]	17,00	18,00	19,00	20,00	21,00	22,00	23,00
Power [kW]	940,00	840,00	750,00	650,00	560,00	475,00	390,00
Ce	0,103	0,078	0,059	0,044	0,033	0,024	0,017

### Ct curve

Wind speed [m/s]	1,00	2,00	3,00	4,00	5,00	6,00	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00	15,00	16,00	17,00	18,00	19,00	20,00	21,00	22,00	23,00	24,00
Ct	0,10	0,10	0,10	0,80	0,82	0,84	0,79	0,72	0,66	0,59	0,53	0,46	0,40	0,33	0,28	0,23	0,20	0,16	0,13	0,12	0,12	0,11	0,11	0,10

### HP curve comparison

Vmean [m/s]	5	6	7	8	9	10
HP value [MWh]	1 392	2 198	3 030	3 828	4 489	5 079

Manufacturer 01/00 1.225 23.00 0.00 [MWh] 1 476 2 318 3 143 3 859 4 422 4 820

**Check value [%]** -6 -5 -4 -1 2 5

