COMPARISON of	BESTWAY	v VESTAS V27
OUTPUT	**45- 80 Kw**	**100-225 Kw**
	GERMAN	**DENMARK**
	BW45/80 kw	VESTAS V27 225 kw
	CLASS 1a	CLASS 1a
BLADES	3 - FGC	3 - GFK
ROTOR DIAMETER	15.9m	27 m
ROTOR AREA	199m	573 m
UP/DOWNWIND	UPWIND	UPWIND
RATED POWER	45/80	225
BRAKE	BLADE TIP Hydraulic	optitip pitch regulator
SPEED (RANGE)	30-70 RPM	31.4
GENERATOR	ASYNCHRONOUS ABB	Weiner /ABB
GEARBOX	FLENDERS	PLANETARY HANSEN
HUB HEIGHT	25/30m	30
YAW SYSTEM	ACTIVE	ACTIVE
CUT IN WIND SPEED	3.5 m/s	4
SHUT DOWN WIND SPEED	25 m/s	20 m/s
SURVIVAL WIND SPEED	60 m/s	60 m/s
24/7 MONITORING	YES	YES
MAINTENANCE CONTRACT	UP TO 20 YEARS	UP TO 20 YEARS

v VESTAS V42	v VESTAS
600 Kw	**850 Kw**
DENMARK	**DENMARK**
VESTAS V42 600kw	VESTAS V52 850kw
CLASS 1a	
3 - GFK	3 - GFK
44 m	52 m
1520 m	2124 m
UPWIND	UPWIND
600	850
disc brake, optitip pitch regulator	disc brake, optitip pitch regulator
31.4	31.4
PTITIP Weiner /ABB	'TITIP Weiner /ABB
PLANETARY HANSEN	PLANETARY HANSEN
40/63 m	60/86 m
ACTIVE	ACTIVE
4	4
20 m/s	20 m/s
52 m/s	60 m/s
yes	yes
UP TO 20 Years	UP TO 20 Years