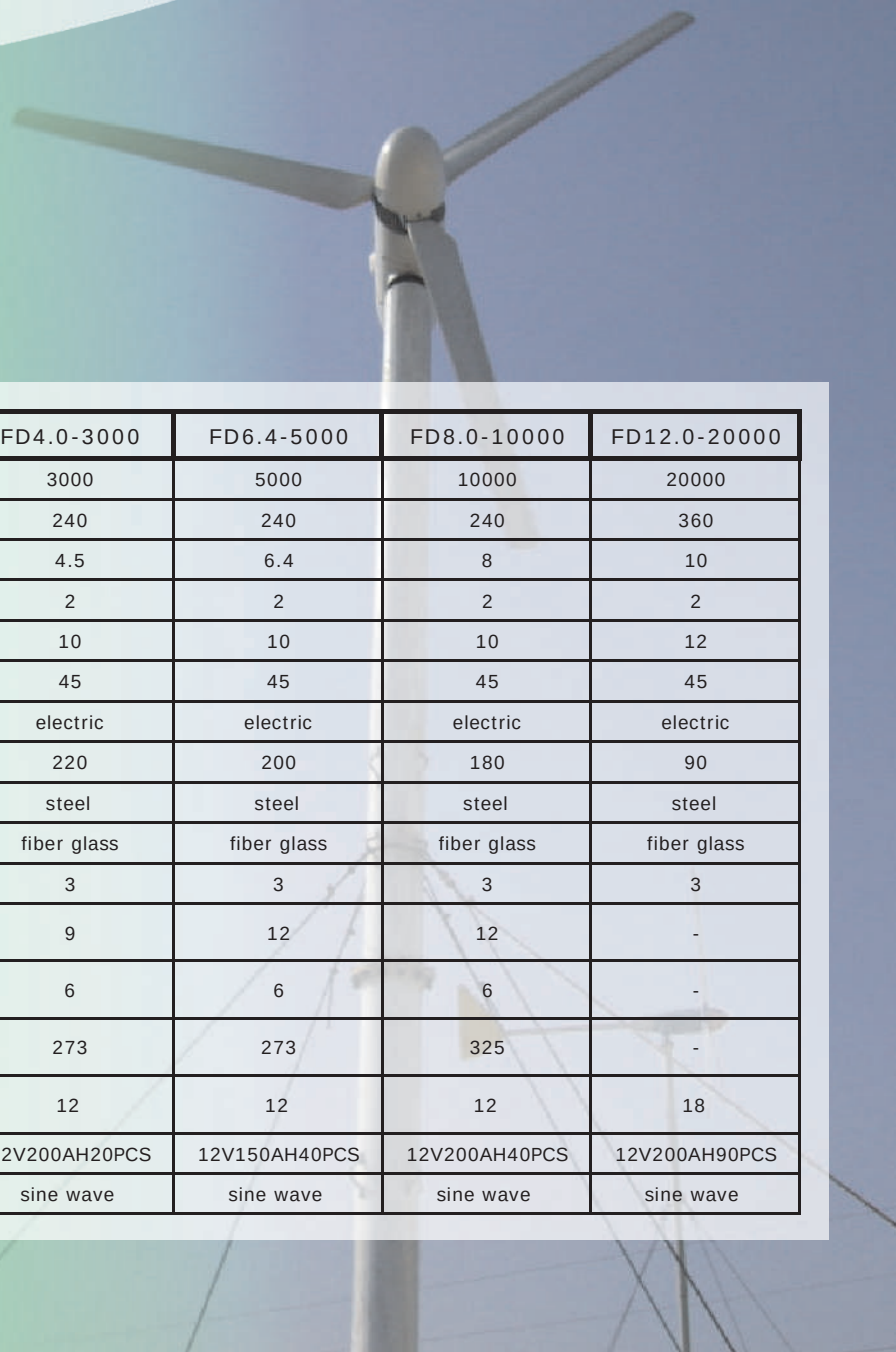
GENTAG Generic Engineering Task Group

P. O. Box 658
HARTBEESFONTEIN 2600
North West Province
R.S.A.

Tel/Fax: (018) 431 1287/0555
e-mail: info@gentag.co.za
Web: www.gentag.co.za

Wind turbines



From 200 Watt to 60 kW, 34 Volt up to 500 Volt,
Direct current with Sine Wave reverse switch,
Easy to install,
Do away with Eskom totally!

Model		AEOLUS300	FD2.7-500	FD3.0-1000	FD3.6-2000	FD4.0-3000	FD6.4-5000	FD8.0-10000	FD12.0-20000
Rated Power (W)		300	500	1000	2000	3000	5000	10000	20000
Rated Voltage (V)		24	24	48	120	240	240	240	360
Rotor Diameter (M)		1.5	2.5	2.7	3.2	4.5	6.4	8	10
Start-up wind speed (m/s)		2.5	2	2	2	2	2	2	2
Rated wind speed (m/s)		12	8	9	9	10	10	10	12
Security wind speed (m/s)		35	35	35	45	45	45	45	45
Yaw mode		-	mechanical	mechanical	mechanical	electric	electric	electric	electric
Rated rotating rate (r/m)		450	400	400	400	220	200	180	90
Shell material		nylon	aluminium alloy	aluminium alloy	aluminium alloy	steel	steel	steel	steel
Blade material		carbon fiber	fiber glass	fiber glass	fiber glass	fiber glass	fiber glass	fiber glass	fiber glass
Blade quantity		3	3	3	3	3	3	3	3
Guy cable tower	Tower height (m)	6	6	6	9	9	12	12	-
	Tower thickness (mm)	2.5	3.25	3.25	3.5	6	6	6	-
	Tower diameter (mm)	48	89	114	140	273	273	325	-
Free stand tower	Tower height (m)	-	8	8	8	12	12	12	18
Suggested battery capacity		12V150AH2PCS	12V200AH2PCS	12V200AH4PCS	12V200AH10PCS	12V200AH20PCS	12V150AH40PCS	12V200AH40PCS	12V200AH90PCS
Matched inverter type		sine wave	sine wave	sine wave	sine wave	sine wave	sine wave	sine wave	sine wave