

## RENEWABLE ENERGY POWER WIND POWER GENERATOR SETS SERIES HYWG 600KW 750KW 1500KW WIND POWER GENERATOR SETS



NOMINAL POWER(KW)	600W	750W	1500W
CUT IN WIND SPEED(M/S)	3.5	4	3
NOMINAL WIND SPEED(M/S)	14	14	12
CUT OUT WIND SPEED(M/S)	25/10M	25/10M	25
SURVIVAL WIND SPEED(M/S)	70/3S	70/3S	59.5/S
TOTOR DIAMETER(M)	43	49	70.4
TOTATIONAL SPEED(RPM)	17.9/26.8	22	20.1
BLADES MATERIAL(M)	GLASS POLYESTER	GLASS POLYESTER	GLASS POLYESTER
BLADE LENGTH(M)	19.1	23.5	34
BLADE NUMBER	3	3	3
SWEPT AREA(SQM)	1466	1886	
GEARBOX NOMINAL POWER(KW)	645	825	
GEARBOX RATIO	1:56.56	67.4	
PRIMARY BRAKE SYSTEM	THREE INDIVIDUAL TIP-BREAK		
SECONDARY BRAKE SYSTEM	2 MECHANICAL BRAKE ON THE HIGH SPEED SHAFT		
GENERATOR NOMINAL POWER(KW)	600/125	750	
NOPMINAL VOLTAGE(V)	690	630	
YAWING SPEED(DEGREE/S)	0.34	0.68	WINDTEC
CONTROL SYSTEM	PLC	PLC	WINDTEC
TOWER HEIGHT(M)	38.5/48.5	74.28/62.92	70M
NACELLE WEIGHT	22T	22T	60T
ROTOR WEIGHT	13T	14T	24T
TOWER WEIGHT	47T/38.5M,52T/48.5M	53T/47.28M,76.2T/62.92M	16.5T