



OUR PRODUCTS • PROJECTS • TECHNOLOGIES •



PERMANENT MAGNETIC POWER GENERATOR

ECO-FRIENDLY – Silent, Full-Time Perpetual, Self-Powered,
Endless Free Energy Permanent Magnetic Energy Generators
No Fuel Required. CLEAN - GREEN

Alternative Electrical Power Generation

STARTING POWER FROM:



SOLAR PANELS



WIND TURBINES



STORAGE BATTERIES

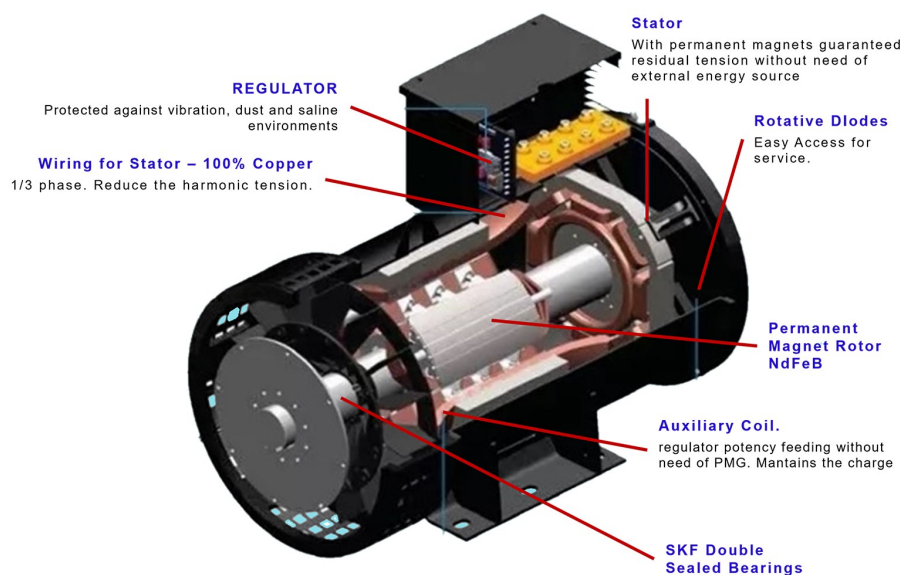


FOR: RESIDENTIAL, COMMERCIAL
AND INDUSTRIAL APPLICATION

SAVINGS TO 70% ON-GRID INSTALLATION

CAN BE FULLY INDEPENDENT ON OFF-GRID INSTALLATION

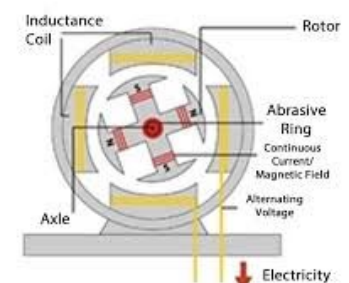
>95% EFFICIENCY, 24/7 OPERATIONS, 20 YRS OPERATING LIFE

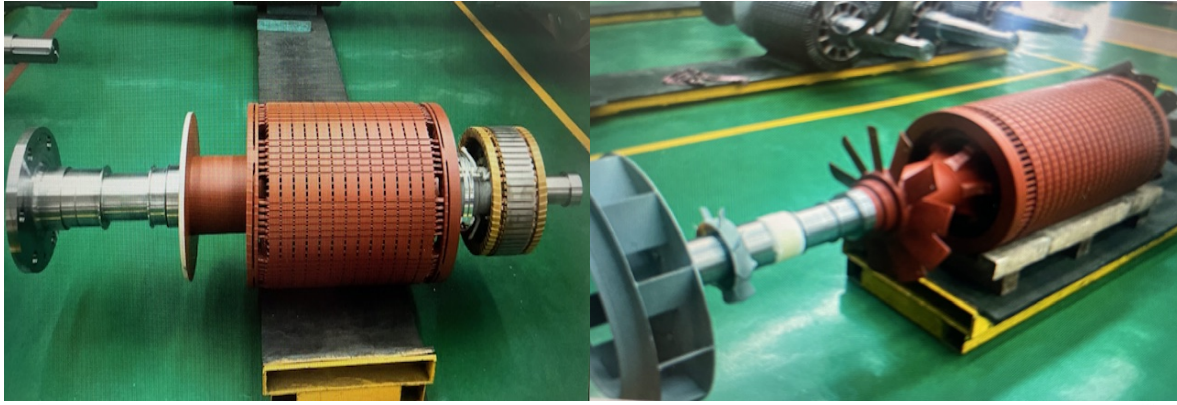


TECHNICAL INFO

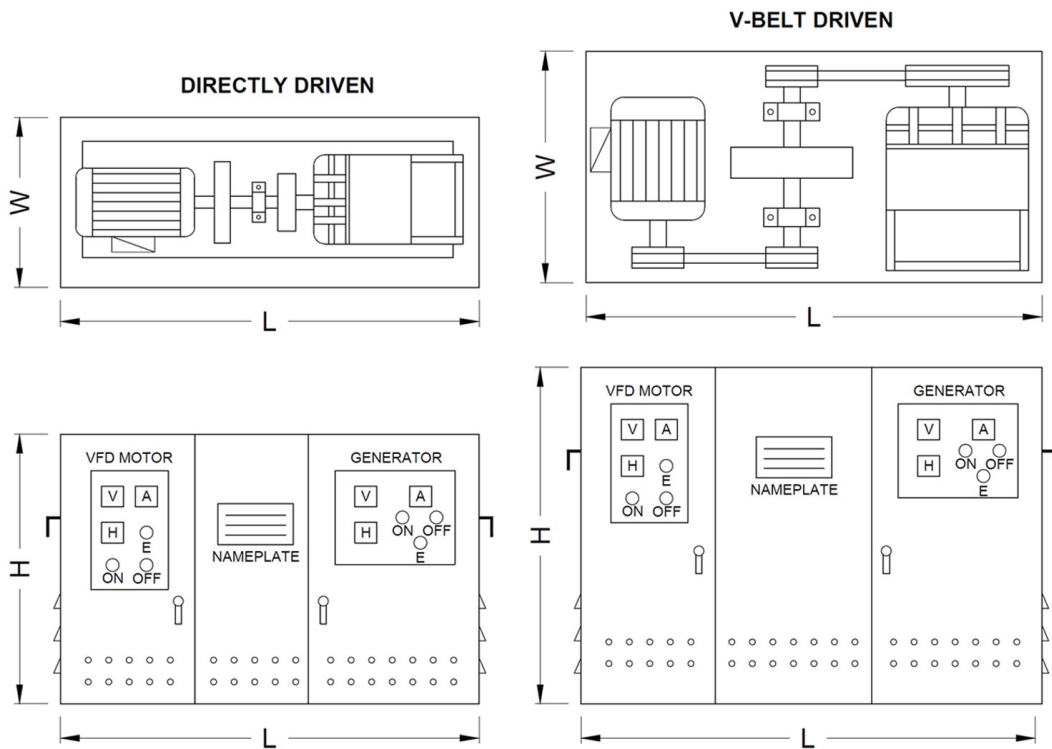
Power: Up to 4,200 Kva.
Low Tension: 110 to 690 Volts.
High Tension: 2,300 to 13,800 v.
Frequency: 50 and 60 Hz.
Number of poles: 4,6,8,10,16
Housing 160 la 630 (IEC)
Protection Grade: IP21.
Class: IP54

How a Magnetic Generator Works:



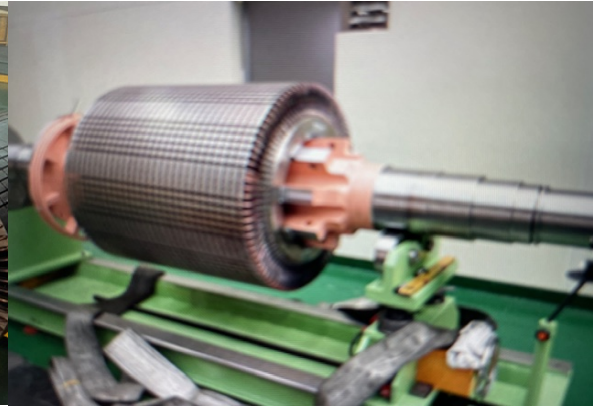
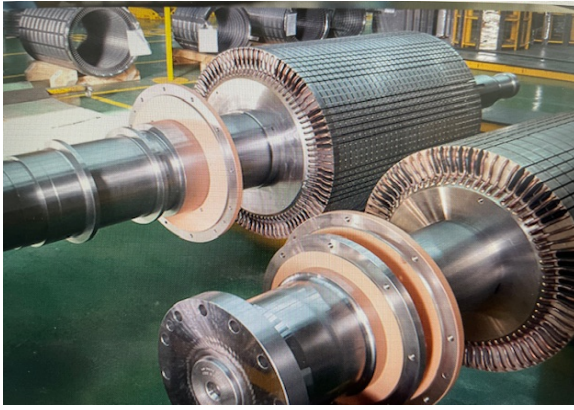


	Kw/Hp		Start	Run	Speed	L *	W *	H *	weight	Output	Net Current	% *
Volt/Phase/Hertz	equiv.		HP	Hp	rpm	in	in	in	kgs	Current	Delivered	savings
										Amps	Amps	
110-220V/1PH/60Hz												
10KW	7	10	2	1	1800	40	18	24	80	75	65	82
20KW	15	20	3	2	1800	44	20	26	130	160	130	77
30KW	22	30	5	3	1800	48	24	30	190	235	182	73
220V/3PH/60Hz												
30KW	22	30	5	3	1800	48	24	30	190	68	56	78
40KW	29	40	7.5	4	1800	54	28	36	250	89	71	75
50KW	36	48	10	5	1800	60	32	40	300	111	88	75
440-575V/3PH/60Hz												
75KW	50	67	15	7.5	1200	66	32	44	380	96	81	72
100KW	72	97	20	10	1200	72	36	48	430	111	91	78
200KW	144	193	25	15	1200	78	40	54	500	222	170	141
300KW	216	289	30	20	1200	78	40	56	550	333	255	208
400KW	288	386	40	25	1200	78	42	56	620	444	340	281
500KW	360	450	50	30	1200	84	48	58	700	555	425	348
600KW	432	547	60	40	1200	84	48	58	790	666	510	416
* approximate	*savings calculated over a 5-year term running PMG 24/7, taking into account of initial unit cost.											



DIMENSIONAL DRAWINGS (SPACE REQUIRED)

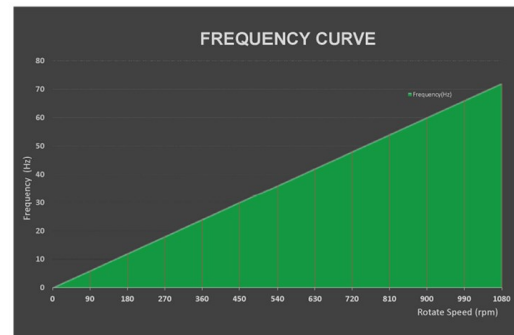
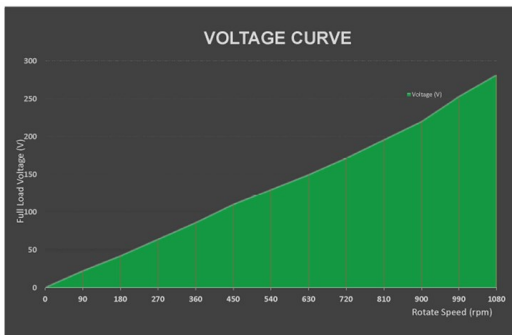
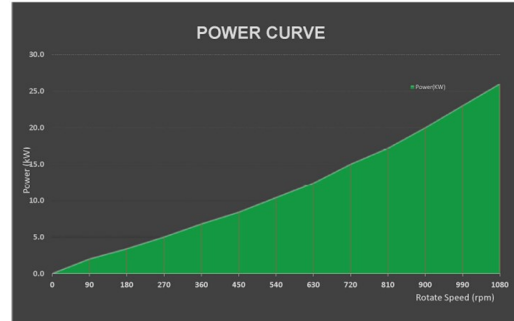


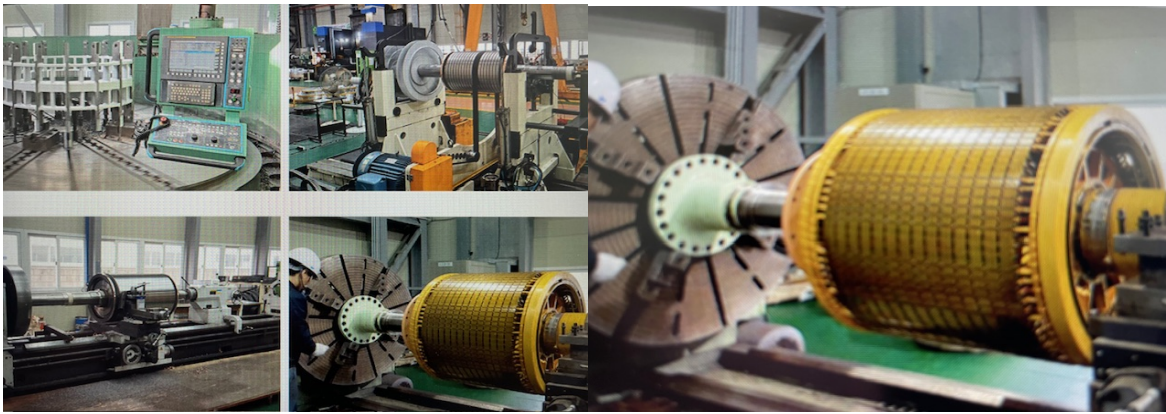


PERFORMANCE TEST

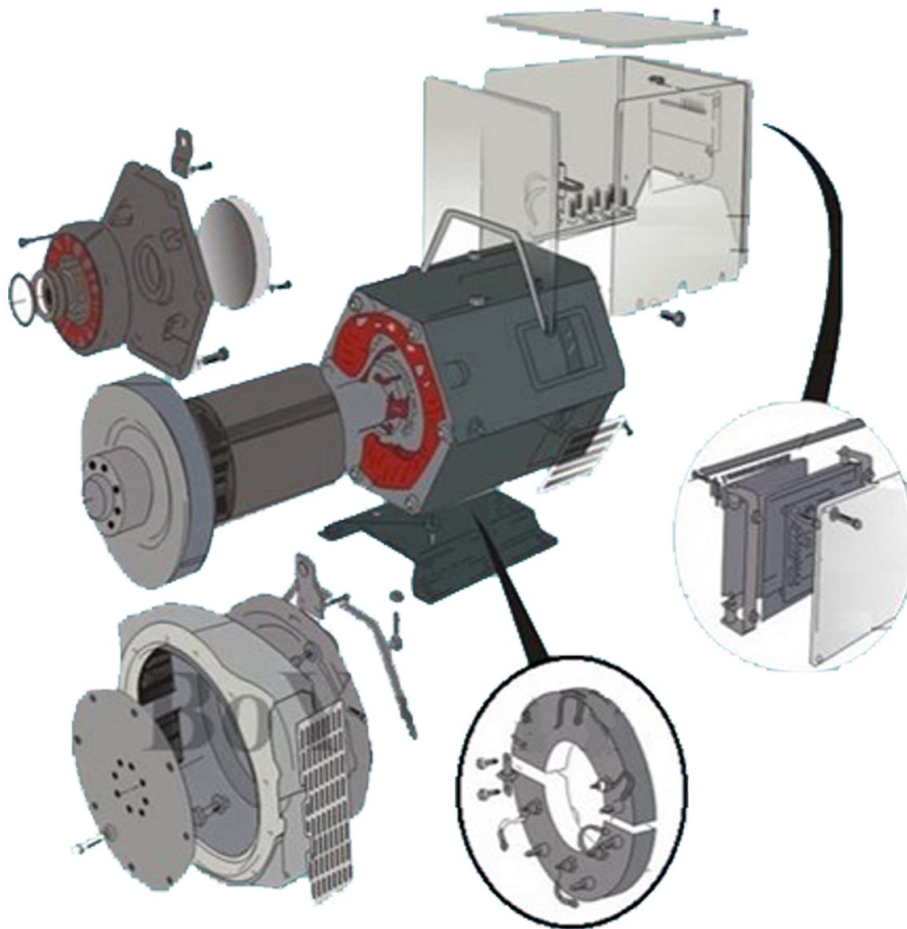


NO.	Model	Speed(rpm)	Power(KW)	Voltage (V)	Frequency(Hz)
1	200 kW	0	0.0	0	0
2		90	2.0	22	6
3		180	3.4	42	12
4		270	5.0	64	18
5		360	6.8	86	24
6		450	8.4	110	30
7		540	10.4	130	36
8		630	12.4	150	42
9		720	15.0	172	48
10		810	17.2	196	54
11	Rated	900	20.0	220	60
12		990	23.0	253	66
13		1080	26.0	282	72





How the multiplying alternators work?



Determining the algorithm of working we reduce the magnetic traction of the motor, in this case the magnetic alternator have a reduced effect supplying the energy.

Increasing the efficiency with reduced cost is capable of producing more energy than its operation cost.

Technological advance in accordance with the Laws of Physics.



Atmospheric Water Generator (AWG) +
Magnetic Power Generator (PMG) =
Endless Supply of WATER AND POWER!!



FEATURES	
Rated Power	10kW to 500kW
Speed	900 to 1800 rpm
Rated Voltage	110V, 220V, 440V, 575V (50 or 60 Hz)
Starting Torque @ 1-2 secs	30% of Output Torque
Running Torque @ Continuous Speed	15% of Output Torque
Output Current	70% of Rated Power Average
Number of Poles	6, 8, 10, 12, & 16
Generator Type	AC Synchronous
Magnet Type	NdFeB
Winding Method	Y
Magnet Temperature Level	Max @ 120° C
Winding Temperature Level	Max @ 180° C
Efficiency	>95%
Insulation Grade	4
Insulation Resistance	100 Mohm Min (500 Vdc)
Protection Grade	IP21
Classification Degree	IP54
Generator Shell Material	Cast Iron
Winding Material	100% Copper
Shaft Material	Stainless Steel
Iron Core	Cold Rolled Silicon Steel Sheet
Bearings	Sealed, Double, SKF
Cooling Method	Fan Cooled
Installation	Horizontal Direct or V-Belt Driven
Enclosure	Powder-coated Steel 1/8" min. thickness with Steel Baseplate, with internal acoustic panels
VFD Rated Starting Motors	
Noise Level	25-30 Decibels

BENEFITS

- Smooth starting, less vibrations
- No electro-magnetic interference
- Direct-coupled or V-Belt Driven
- Variable Speed Driven System
- No Gear Box, permanent magnet, less parts
- High Efficiency @ >95%
- Power Factor close to 1.0
- Insert permanent magnet, clockwise or counter-clockwise in rotation
- Generates high voltage, high current at lower speeds
- Absorbs and correct surges
- Long-life performance > 20 years at 24/7 operation
- Customized speed, voltage, power, and frequency
- Distributors are well-trained, carry spare parts and units for immediate replacements
- Can be combined with solar, wind turbines, storage batteries, flywheel, and fuel cells for additional power
- On-grid and off-grid installation
- Operates at temperatures -10°C to 50°C Covered by 20 year warranty
- Applicable to Residential, Commercial, Construction, High Rise Building, Industrial, Hotels, Hospitals, Condos, Apartments, Clinics, Malls, Stores, Delis, Cottages, Farms, and other remote areas.

<https://planetspower.co.uk>
<https://planetwater.co.uk>
<https://royalpurepower.co.uk>
<https://royalpurewater.co.uk>

Royal Pure Group (HK) Ltd. mat-dan.com



**acquisition
international**
the voice of modern business - est. 2010



**BRITISH MADE
AWARDS**