

GREEN TECHNOLOGY OVERVIEW

"EMPOWERING A SUSTAINABLE FUTURE WITH INNOVATIVE GREEN TECHNOLOGY"

Green technology refers to the development and application of products, equipment, and systems used to conserve the natural environment and resources, minimizing and reducing the negative impact of human activities. It encompasses a wide range of practices and innovations aimed at improving energy efficiency, reducing waste, and promoting sustainability.

Pioneering Green and Renewable Energy Engineering

Green Energy and Renewable Energy Resources Engineering is at the forefront of innovation, focusing on:

Development: Creating cutting-edge technologies that maximize the efficiency and output of renewable energy sources.

Implementation: Strategically deploying these technologies to harness natural resources effectively.



OUR COMMITMENT TO GREEN TECHNOLOGY DEVELOPMENT

At BETA CENTRIC SDN BHD, we believe in the potential of renewable energy to transform the energy landscape, ensuring a greener and more sustainable future for generations to come.

Management: Ensuring optimal performance and longevity of renewable energy systems through advanced management practices.

Commitment to a Greener Future
Our dedication to renewable energy solutions is reflected in our ongoing efforts to drive the global transition to sustainable energy. By integrating our expertise in renewable technologies, **we aim to:**

Reduce Environmental Impact: Minimizing carbon emissions and ecological footprints through clean energy solutions.

Enhance Energy Security: Providing reliable and continuous power supply through diverse energy sources

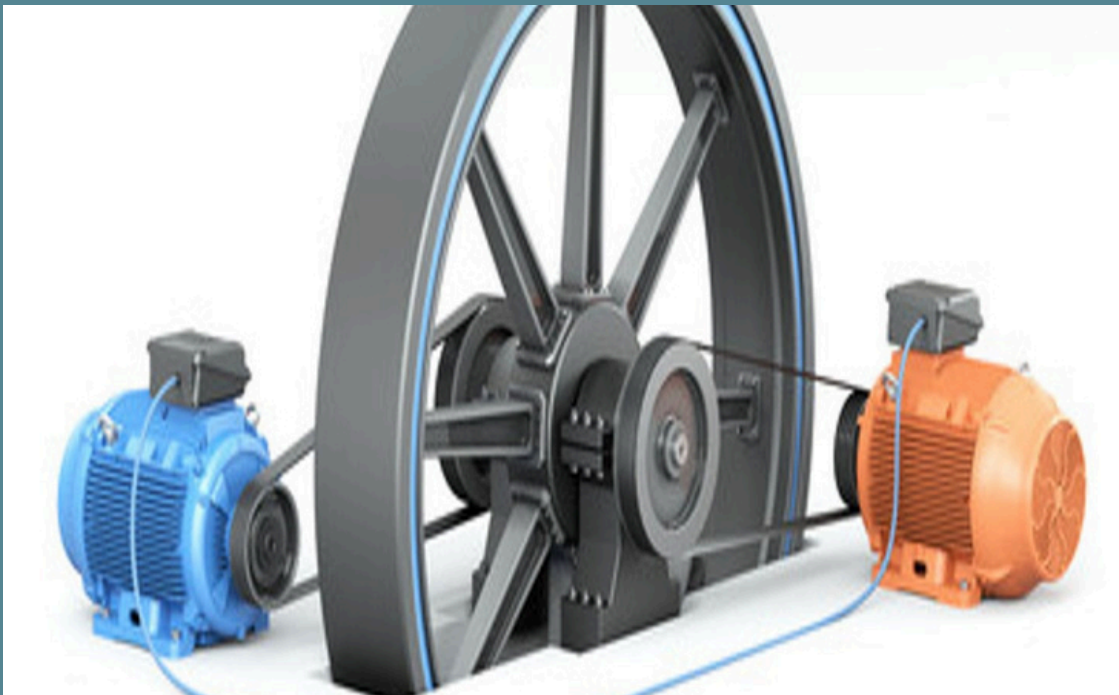
Promote Innovation: Investing in research and development to advance the capabilities of green technology.



INTRODUCING TO THE INNOVATIVE KINETIC TECHNOLOGY

REDUCE YOUR CARBON FOOTPRINT, GO GREEN

At BETA CENTRIC SDN BHD, we are committed to our SPIRIT Values (Safety, People, Integrity, Responsibility, Innovation and Teamwork) to produce and deliver GREEN TECHNOLOGY innovate and self sustainable product to reduce carbon footprint of the world.



To meet the growing worldwide demand for sustainable green technology, we at BETA CENTRIC SDN BHD produce and supply various Green technology products with the aim of Being Green is staying clean Think Green - Live Green Be Clean, Go Green and keep our planet for future generations.

REVOLUTIONARY KINETIC ENERGY POWER GENERATOR

BETA CENTRIC SDN BHD, cutting-edge technology harnesses kinetic energy from natural and mechanical movements, converting it into reliable, clean electricity. With high efficiency and minimal maintenance, our Kinetic Energy Power Generator offers a versatile and eco-friendly power source for a greener future.



Key Features and Benefits:

- ✓ No Diesel Required
- ✓ No Lubricant Oil Needed
- ✓ Low Maintenance
- ✓ Easy to Operate
- ✓ Push Start Button
- ✓ High Efficiency
- ✓ High Load Capacity
- ✓ Dual Motor
- ✓ Zero Safety Hazard
- ✓ Versatile Capacity

TECHNICAL FACT SHEET 10kW

AG-10kW - 380V

Generator Model	AG-10 kW-380V
Product Name	Green Technology Power Generator
Area of Application	Commercial / Industrial / Residential /Marine /Oil Rig
Control Panel Type	Modular Control Panel
Power Rated	10,000 Watt / 10 kW
Frequency Output	50 Hz
Voltage Phase No	115 – 240 V
Rated Output [Kw]	Single Phase / 3 Phase
Maximum Output [Kw]	9.5
Engine / Rotating Type	10.0
Insulation Class	Magnetic Fly Wheel
Excitation Mode	F – [155 Degrees C]
	Self-excitation & constant voltage (AVR)
Engine Power-up	Push Start Button
Product Origin	Malaysia
Length [mm]	1200
Width [mm]	1000
Height [mm]	1000
Noise Level	< 65 dB (A)
Total Weight (pc)	400 Kilogram
Casing Type	Galvanized + Coating
Operating Climate	Battery Capacity (v-Ah): 12V 30AH
Motor	Dual Type
Motor Working Condition	6 Hours interval [Auto Rotate]
Periodic Inspection	Visual Inspection & Electrical Functional Test
Maintenance Frequency	Every 3120 Hours / 12 Months
Predictive Maintenance	Change Belting & Fly Wheel Bearing – Every Year
Safety	DFMEA/PFMEA/AFMEA – CLASS 1-3
Free Spares	Belting & Bearing – [2] Years Spare Parts

TECHNICAL FACT SHEET 25 kW

AG-25kW - 380V

Generator Model	AG-25 kW-380V
Product Name	Green Technology Power Generator
Area of Application	Commercial / Industrial / Residential /Marine /Oil Rig
Control Panel Type	Modular Control Panel
Power Rated	25,000 Watt / 25kW
Frequency Output	50 Hz
Voltage Phase No	115 – 240 V
Rated Output [Kw]	Single Phase / 3 Phase
Maximum Output [Kw]	24.5
Engine / Rotating Type	25.0
Insulation Class	Magnetic Fly Wheel
Excitation Mode	F – [155 Degrees C]
	Self-excitation & constant voltage (AVR)
Engine Power-up	Push Start Button
Product Origin	Malaysia
Length [mm]	1200
Width [mm]	1000
Height [mm]	1000
Noise Level	< 65 dB (A)
Total Weight (pc)	600 Kilogram
Casing Type	Galvanized + Coating
Operating Climate	Battery Capacity (v-Ah): 12V 30AH
Motor	Dual Type
Motor Working Condition	6 Hours interval [Auto Rotate]
Periodic Inspection	Visual Inspection & Electrical Functional Test
Maintenance Frequency	Every 3120 Hours / 12 Months
Predictive Maintenance	Change Belting & Fly Wheel Bearing – Every Year
Safety	DFMEA/PFMEA/AFMEA – CLASS 1-3
Free Spares	Belting & Bearing – [2] Years Spare Parts

TECHNICAL FACT SHEET 50 kW

AG-50 kW - 380V

Generator Model	AG-50kW-380V
Product Name	Green TechnologyPower Generator
Area of Application	Commercial /Industrial / Residential /Marine /Oil Rig
Control Panel Type	Modular Control Panel
Power Rated	50,000 Watt / 50kW
Frequency Output	50 Hz
Voltage Phase No	115 – 240 V
Rated Output [Kw]	Single Phase / 3 Phase
Maximum Output [Kw]	49.5 50.0
Engine / Rotating Type	Magnetic Fly Wheel
Insulation Class	F – [155 Degrees C]
Excitation Mode	Self-excitation & constant voltage (AVR)
Engine Power-up	Push Start Button
Product Origin	Malaysia
Length [mm]	1300
Width [mm]	1200
Height [mm]	1200
Noise Level	< 65 dB (A)
Total Weight (pc)	800 Kilogram
Casing Type	Galvanized + Coating
Operating Climate	Battery Capacity (v-Ah): 12V 30AH
Motor	Dual Type
Motor Working Condition	6 Hours interval [Auto Rotate]
Periodic Inspection	Visual Inspection & Electrical Functional Test
Maintenance Frequency	Every 3120 Hours / 12 Months
Predictive Maintenance	Change Belting & Fly Wheel Bearing – Every Year
Safety	DFMEA/PFMEA/AFMEA – CLASS 1-3
Free Spares	Belting & Bearing – [2] Years Spare Parts

TECHNICAL FACT SHEET 100 kW

AG-100 kW - 380V

Generator Model	AG-100kW-380V
Product Name	Green Technology Power Generator
Area of Application	Commercial / Industrial / Residential /Marine /Oil Rig
Control Panel Type	Modular Control Panel
Power	100,000 Watt / 100kW
Rated Frequency	50 Hz
Output Voltage	115 – 240 V
Phase No	Single Phase / 3 Phase
Rated Output [Kw]	95.0
Maximum Output [Kw]	100.0
Engine / Rotating Type	Magnetic Fly Wheel
Insulation Class	F – [155 Degrees C]
Excitation Mode	Self-excitation & constant voltage (AVR)
Engine Power-up	Push Start Button
Product Origin	Malaysia
Length [mm]	1400
Width [mm]	1200
Height [mm]	1200
Noise Level	< 65 dB (A)
Total Weight (pc)	1000 Kilogram
Casing Type	Galvanized + Coating
Operating Climate	Battery Capacity (v-Ah): 12V 30AH
Motor	Dual Type
Motor Working Condition	6 Hours interval [Auto Rotate]
Periodic Inspection	Visual Inspection & Electrical Functional Test
Maintenance Frequency	Every 3120 Hours / 12 Months
Predictive Maintenance	Change Belting & Fly Wheel Bearing – Every Year
Safety	DFMEA/PFMEA/AFMEA – CLASS 1-3
Free Spares	Belting & Bearing – [2] Years Spare Parts

TECHNICAL FACT SHEET 250kW

AG-250 kW - 380V

Generator Model	Power Generator Commercial / Industrial /
Product Name	Residential /Marine /Oil
Area of Application	Rig Modular Control Panel
Control Panel Type	250,000 Watt / 250kW
Power	50 Hz
Rated Frequency	115 – 240 V
Output Voltage	Single Phase / 3 Phase
Phase No	245.0
Rated Output [Kw]	250.0
Maximum Output [Kw]	Magnetic Fly Wheel
Engine / Rotating Type	F – [155 Degrees C]
Insulation Class	Self-excitation & constant voltage (AVR)
Excitation Mode	Push Start Button
Engine Power-up	Malaysia
Product Origin	1500
Length [mm]	1300
Width [mm]	1200
Height [mm]	< 65 dB (A)
Noise Level	1200 Kilogram
Total Weight (pc)	Galvanized + Coating
Casing Type	Battery Capacity (v-Ah): 12V 30AH
Operating Climate	Dual Type
Motor	6 Hours interval [Auto Rotate]
Motor Working Condition	Visual Inspection & Electrical Functional Test
Periodic Inspection	Every 3120 Hours / 12 Months
Maintenance Frequency	Change Belting & Fly Wheel Bearing – Every Year
Predictive Maintenance	DFMEA/PFMEA/AFMEA – CLASS 1-3
Safety	Belting & Bearing – [2] Years Spare Parts
Free Spares	

TECHNICAL FACT SHEET 500kW

AG-500 kW - 380V

Generator Model	Power Generator Commercial / Industrial /
Product Name	Residential /Marine /Oil
Area of Application	Rig Modular Control Panel
Control Panel Type	500,000 Watt / 500kW
Power	50 Hz
Rated Frequency	115 – 240 V
Output Voltage	Single Phase / 3 Phase
Phase No	495.0
Rated Output [Kw]	500.0
Maximum Output [Kw]	Magnetic Fly Wheel
Engine / Rotating Type	F – [155 Degrees C]
Insulation Class	Self-excitation & constant voltage (AVR)
Excitation Mode	Push Start Button
Engine Power-up	Malaysia
Product Origin	1800
Length [mm]	1400
Width [mm]	1300
Height [mm]	< 65 dB (A)
Noise Level	2000 Kilogram
Total Weight (pc)	Galvanized + Coating
Casing Type	Battery Capacity (v-Ah): 12V 30AH
Operating Climate	Dual Type
Motor	6 Hours interval [Auto Rotate]
Motor Working Condition	Visual Inspection & Electrical Functional Test
Periodic Inspection	Every 3120 Hours / 12 Months
Maintenance Frequency	Change Belting & Fly Wheel Bearing – Every Year
Predictive Maintenance	DFMEA/PFMEA/AFMEA – CLASS 1-3
Safety	Belting & Bearing – [2] Years Spare Parts
Free Spares	

TECHNICAL FACT SHEET 750kW

AG-750 kW - 380V

Generator Model	AG-750Kw-380V
Product Name	Green Technology Power Generator
Area of Application	Commercial / Industrial / Residential /Marine /Oil Rig
Control Panel Type	Modular Control Panel
Power	750,000 Watt / 750kW
Rated Frequency	50 Hz
Output Voltage	115 – 240 V
Phase No	Single Phase / 3 Phase
Rated Output [Kw]	745.0
Maximum Output [Kw]	750.0
Engine / Rotating Type	Magnetic Fly Wheel
Insulation Class	F – [155 Degrees C]
Excitation Mode	Self-excitation & constant voltage (AVR)
Engine Power-up	Push Start Button
Product Origin	Malaysia
Length [mm]	2000
Width [mm]	1800
Height [mm]	1500
Noise Level	< 65 dB (A)
Total Weight (pc)	2750 Kilogram
Casing Type	Galvanized + Coating
Operating Climate	Battery Capacity (v-Ah): 12V 30AH
Motor	Dual Type
Motor Working Condition	6 Hours interval [Auto Rotate] Visual Inspection & Electrical Functional Test Every 3120 Hours / 12 Months
Periodic Inspection	
Maintenance Frequency	
Predictive Maintenance	Change Belting & Fly Wheel Bearing – Every Year
Safety	DFMEA/PFMEA/AFMEA – CLASS 1-3
Free Spares	Belting & Bearing – [2] Years Spare Parts

TECHNICAL FACT SHEET 1000kW

AG-1000 kW - 380V

Generator Model	AG-1000kW-380V
Product Name	Green Technology Power Generator
Area of Application	Commercial / Industrial / Residential /Marine /Oil Rig
Control Panel Type	Modular Control Panel
Power	1000,000 Watt / 1MW
Rated Frequency	50 Hz
Output Voltage	115 – 240 V
Phase No	Single Phase / 3 Phase
Rated Output [Kw]	995.0
Maximum Output [Kw]	1000.0
Engine / Rotating Type	Magnetic Fly Wheel
Insulation Class	F – [155 Degrees C]
Excitation Mode	Self-excitation & constant voltage (AVR)
Engine Power-up	Push Start Button
Product Origin	Malaysia
Length [mm]	2800
Width [mm]	2400
Height [mm]	1800
Noise Level	< 65 dB (A)
Total Weight (pc)	3500 Kilogram
Casing Type	Galvanized + Coating
Operating Climate	Battery Capacity (v-Ah): 12V 30AH
Motor	Dual Type
Motor Working Condition	6 Hours interval [Auto Rotate] Visual Inspection & Electrical Functional Test
Periodic Inspection	
Maintenance Frequency	Every 3120 Hours / 12 Months
Predictive Maintenance	Change Belting & Fly Wheel Bearing – Every Year
Safety	DFMEA/PFMEA/AFMEA – CLASS 1-3
Free Spares	Belting & Bearing – [2] Years Spare Parts