

Magnetic Power Generator System



Magnetic Power Generator, 500MWh System

Power Generation System-500MWh - Combination of 20 Units of 25MWh

Magnetic Transducer Generator and Packaged Turnkey Power Distribution System

The AMTEK Generator is a stand-alone electrical generator based on the proprietary magnetic induction technology. It is capable of generating electrical power by itself, no external input power required, thus no running cost. Rotation of the AMTEK Generator is kick started by the internal starter; self-sustaining its rotation and increases its speed by magnetic force to high speed rotation to generate electrical power.

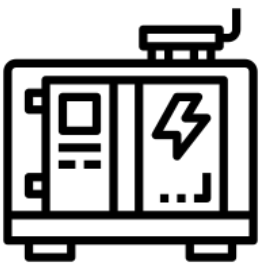
The AMTEK Power Generation System is a packaged turnkey solution for the AMTEK Generator and Power Distribution System that can be configured for various sizes of installation and environment; Standalone, OFF-Grid or ON-Grid. It is equipped with functions such as Control, Protection, Inverter, Monitoring and Energy Storage

The AMTEK Power Distributor is designed and customized if necessary by AC Tesla - Harness your power, a strategic partner. AC Tesla is an electrical system engineering, testing and grid connection company specializing in normal and emergency electrical distribution equipment.



Generator Specifications:

- Output Power Capacity: 500 MWh / 625 MVA
- Max Configurable Power: 500 MWh / 625 MVA
- Nominal Output Voltage: 480V 3PH
- Output Voltage Distortion: Less than 5% at full load
- Output Frequency (sync to mains): 50 Hz – programmable +/- 0.5/1/2/4/6/8%
- Waveform Type: Sine wave
- Output Connections: (1) Hard Wire 4-wire (3PH + G)



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Packaged Turnkey Power Distribution System

Transformer With Regulator

15000 Watt 110v <-> 220v 50Hz/60Hz

The Step Up / Step Down Voltage Converter with Regulator (Stabilizer) provides a stable source of power for all major appliances and sensitive electronics. Each model is CE approved and certified.

Heavy Duty Voltage Converter Regulator

Made For Continuous Use - CE Approved

- 15000 Watt max load capacity, Voltage converter plus Voltage Stabilization, Converts both ways from 220 volt to 110 volt and 110 volt to 220 volt, Safety Cut-Off Function, Unit requires hardwiring.
- Heavy-duty 2 in 1 step up-down voltage converter and stabilizer for continuous use.
- Up to 15000 watts capacity
- Converts 220/240 volts to regulated 110 volts
- Converts 110 volts to regulated 220/240 volts
- Voltage input range at 220V is 180-260V and at 110V voltage input range is 75-130V.
- Single phase 50/60hz frequency.

Total System Physical Specifications:

- Total Area required: 1,700 Square Meters
- Height: 5 Meters
- Weight: 220 tons
- Aluminum structure
- Light grey (NCS 2703-G84Y)
- Foundation: Ten inches reinforced concrete



Power Distribution Box:

- Type: KDS1000
- CSA Enclosure Types: 1, 2, 3, 3R, 4, 4X
- Bus: Copper or Aluminum
- Voltage: 635 VAC
- Amperage: 200A – 5000A
- Phasing/Wiring: 3ph-3w or 3ph-4w
- Short-Circuit Rating: 150kA at 635 VAC
- Type Tested: ANSI C37.20.1
- Standards: C22.2 No. 94-2-07, C22.2 No. 3-14, UL No. 1558
- Class: 4641 01, 4641 81



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