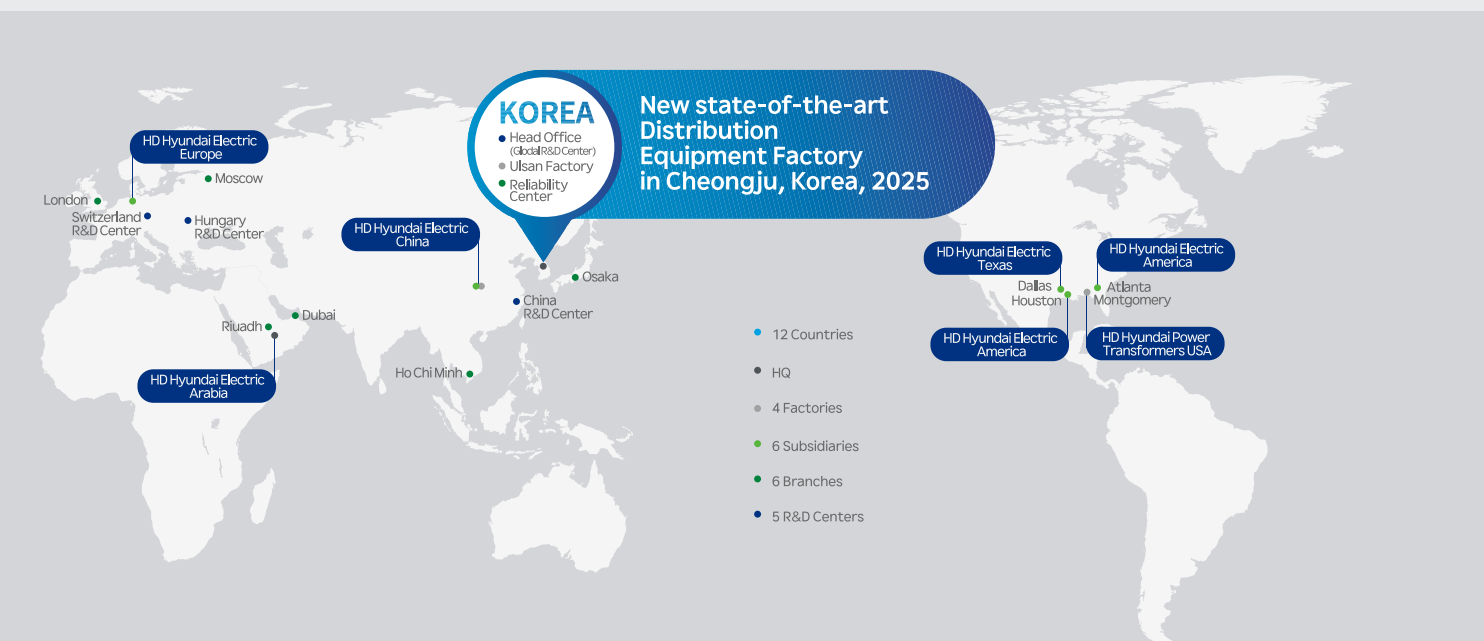




Data centers, Utilities, Manufacturing, Oil and Gas, Commercial, Transportation, Renewables, etc.

Power Solutions	Distribution Solutions	Rotating Machinery	Energy Solutions
- Power Transformers - Gas Insulated Switchgear - Dead Tank Breakers Solutions that enable power generation and transmission within the grid.	- MV GIS - Cast Coil & PAD transformers - Medium & Low Voltage Circuit Breakers Solutions that supply power distribution systems; control systems, and drive systems to chemical plants and general businesses.	- MV Motors and Generators - LV Motors Solutions that supply rotating equipment to various industries including Oil and Gas, HVAC, Pumps, Compressors and many more.	- Energy Solutions - Asset Management Solutions Integrated Information and Communication Technologies.

HD Hyundai Electric Power Distribution Solutions



POWER UP WITH HD HYUNDAI ELECTRIC DISTRIBUTION SOLUTIONS



POWER DISTRIBUTION SOLUTIONS

MCCB (Molded Case Circuit Breakers)



100% UL listed breakers, HGU series



Outstanding protection coordination and maximized breaking capacity

- 5 Frame sizes: 125/ 150/ 250/ 400/ 600 AF
- Number of poles: 1/2/3P (125AF), 2/3P (150~600AF)
- High performance: 100kA (at480V), 65kA (at600V)
- Various trip units: MTM (FF,JF,JJ), MCS, MCP
- Accessories: E/ D type handle, LUG for CU cable, locking devices., etc.
- UL certification: UL489

VCB (Vacuum Circuit Breakers)



UL-Recognized HVF Series



Ensuring excellent breaking capability and high quality with multiple advantages

- 36inch (914mm) wide small size & lightweight
- Reduced maintenance requirements providing high reliability
- Compact design with high performance vacuum interrupters
- Rated voltage [kV]: 4.76/8.25/15/38
- *38kV has only passed ANSI type testing
- Rated short withstand current [kA/3sec] : up to 50
- Operating duty: O-0.3sec-CO-15sec-CO
- UL-Recognized

MC (Magnetic Contactors)



UL Magnetic Contactors & Thermal Overload Relays, HGC series



Motor protection control solution that can be used in various industrial systems with strong durability & performance

- 8 Frame sizes: 18/ 40/ 65/ 100/ 150/ 265/ 500/ 800AF
- Ui: 1,000V, Uimp: 8kV
- Direct Connection with Thermal Overload Relay
- Auxiliary Relay – Power consumption saving type
- AC/DC Universal Voltage: 115~800A
- UL certification: UL/CSA 60947-4

ACB (LV Power Circuit Breakers)



UL Power circuit breakers, HGL Series



Maximized selection range and customer satisfaction with model dualization and compact size

- 4 Frame sizes: A/ B, Q/ C/ D frame up to 6000A
- Rated operational voltage [V]: 254/ 508/ 635/ 730
- Maximum breaking capacity: up to 130kA (at 508V)
- Rated impulse withstand voltage (Uimp): 12kV
- High functional protection relay: N / A/ P type
- Various accessories: Temp device module, interlock, etc.
- UL certification: UL1066

POWER DISTRIBUTION SOLUTIONS

VC (Vacuum Contactors)



UL-Recognized UVC Series



Rapid build-up of the dielectric strength ensures safety breaking

- Optimized structure and mechanism
- Lightweight and compact size enables easy installation
- Rated voltage [kV]: 3.6/7.2
- Rated short withstand current [kA/1sec]: 6.3kA
- Two operation modes: continuous type, latch type
- Certified UL347, NEMA ICS3

DC1500V Switch Disconnecter



UL-DC Switch Disconnector HGL Series 800 ~ 4000AF 4P



Suitable for switching circuits in power systems using DC such as solar power, ESS and data centers

- Rated current : 800 ~ 4000A
- Rated insulation voltage [V] : DC1500V
- Rated impulse withstand voltage [Uimp] : 12kV
- Rated short withstand current : up to 150kA/0.6s
- Life cycles : Electrical 2,000 / Mechanical 10,000
- Electronic DC trip unit
- Various accessories : key lock, Mechanical Interlock, short 'b' contact miss insertion preventor, Arc shield., etc
- UL certification : UL489B/489F

E-GIS (Eco-friendly Gas-Insulated Switchgear)

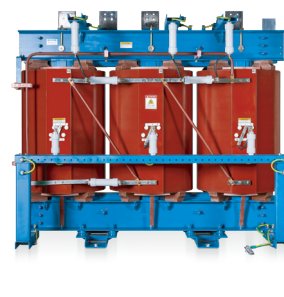


- 38kV E-GIS HMES-E81 UL
- SF6 free GIS/Fully enclosed all live components
- Rated voltage [kV]: 38
- Rated current [A]: ~3000 (for main), ~2000 (for the feeder)
- Rated short withstand current [kA/3sec]: 40

C-GIS (Cubicle-Gas Insulated Switchgear)

- 38kV C-GIS HMGS-G81 UL
- UL Listed and cUL
- Rated voltage [kV]: 38
- Rated current [A]: ~3000 (for main), ~2000 (for the feeder)
- Rated short withstand current [kA/2sec]: 40
- Insulation Gas: SF6

Cast Resin Transformer with HiTOV Solution



*HiTOV : HD Hyundai Interrupter Transient Over-Voltage



Suitable for transient overvoltage protection in power systems that require high reliability, such as datacenters and semiconductor factories

- Up to 38kV
- Maximizing transformer protection reliability against switching overvoltage and externally induced overvoltage
- Reducing outage restoration costs and time by enhancing the reliability of system operations
- Use of components compliant with UL standards



JOIN OUR DISTRIBUTION NETWORK

HD Hyundai Electric America is a leading provider in the U.S. power transformer market. We are looking for Distribution Partners to expand our UL Listed MC, MCCB and VCB business in North America. Please contact us to discuss Partnership to stay ahead at the rapidly developing U.S. power market.

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