E-RTG
Zero Emission Solutions

FE-RTG
Electrified RTG with grid power and small battery pack

BE-RTG
Electrified RTG with extra-large battery pack

FBE-RTG
Electrified RTG with fuel cell and battery pack
BE-RTG | Electrified RTG
with extra-large battery pack
RTG is powered solely by Extra-Large Battery Pack, which is charged from the power connected either manually or automatically.

Charging

Automatic charging station

Manual charging socket
Benefits

• A system developed from the matured solution and products
• During operation, no coupling/decouping operation
• Regenerative power can be reused
• Almost no maintenance to the system
• The needed infrastructures, such as substations, charging station and so on, are standard components
Technical Details

- Battery type: Li-ion
- Cooling: Liquid cooling
- Energy stored in battery: 660kWh
- Approximate container moves when battery fully charged: 180*
- Fast charging time: >1 hour**
- DC/DC converter: 2x250kW (bi-directional)
- Designed battery lifetime: 9 years***
- Warranty (batteries): 5 years
- Remote monitoring and diagnosis
- Emergency operation in case of partial system failure: enabled

*Depends on average weight of containers and many other various factors. For specific project, please consult CXW.

**Fast charging time depends on the capacity of charging system.

***200 moves per day, 350 working days per year.
Conductix-Wampfler has just one critical mission: To provide you with energy and data transmission systems that will keep your operations up and running 24/7/365.

We remove Emission from your RTGs!

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