



MN / Ulaanbaatar, Mongolia
 Plant size: 9 kW_e
 Project year: 2019

heat application

PROJECT RESIDENTIAL BUILDING

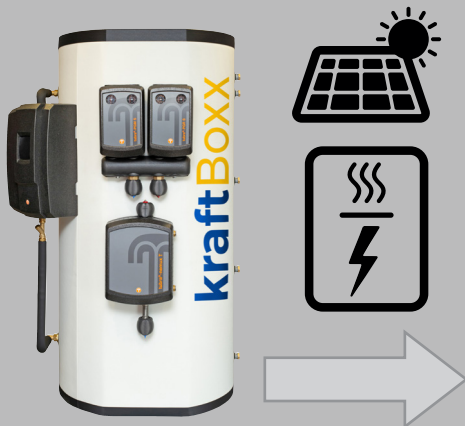
TASK POSITION



kraftBoxx - Mongolia

- The population of Ulaanbaatar suffers from catastrophic air pollution from firing with coal
- In this pilot project, should a apartment with PV and off-peak electricity be heated, whereby heat must be stored to ensure comfort

SOURCE



- kraftBoxx with PV-to-heat-Station 9 kW
- Supply by PV and off-peak electricity
- Energy will be stored in due times by high PV yield and in the night and can be delivered during the day

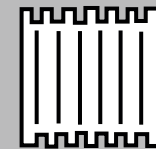
Storage tank

heatStixx + 58 °C

- kraftBoxx storage tank, 800 liters
- Storage capacity 33 kWh
- Water equivalent 1880 liters
- Capacity factor 2,35

heatStixx
inside

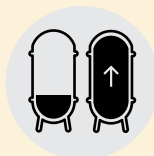
CONSUMER



- Supplying a apartment with a heating circuit with heat pipe - Radiatoren
- no central DHW heating



Minimization
the storage size



Increase
the storage capacity



Peak-Shifting

PARTNER



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CONTACT

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