

p o w e r | m o b i l i t y | e c o n o m y

FREEDOM FOR FUTURE

APPLICATIONS OF SIMETI TURBINE

AND

A COMPARISON OF DIFFERENT TYPES OF TURBINE

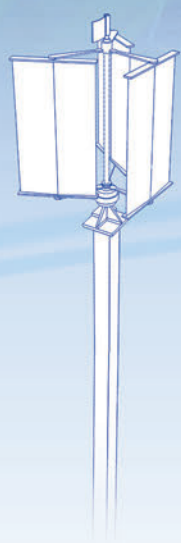


FREEDOM FOR FUTURE

S M A L L W I N D T U R B I N E S I M E T I

A P P L I C A T I O N S

Catalog Number: MVE5-TR



WIND GENERATOR



REGULATOR



STORAGE TANK

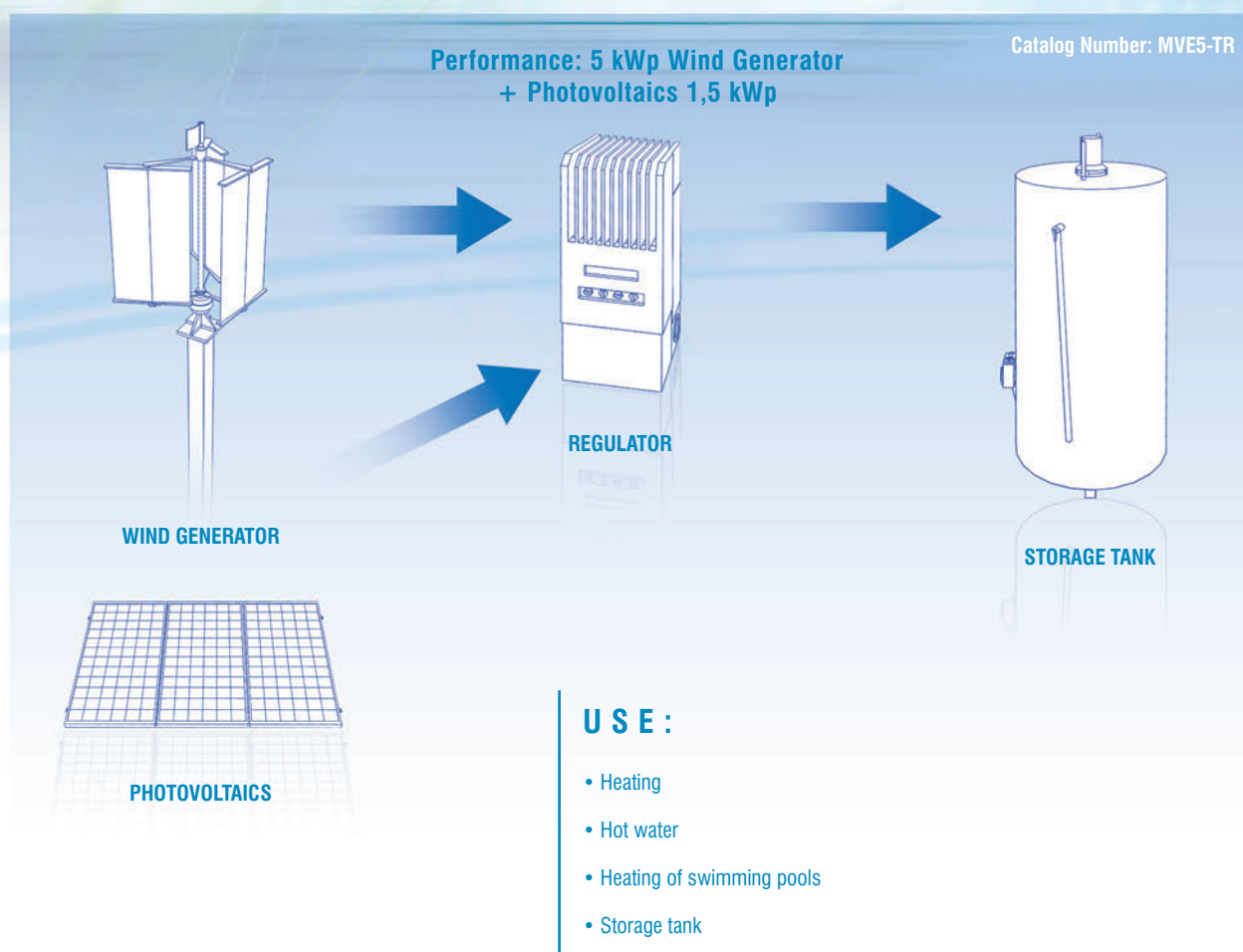
USE:

- Heating
- Hot water
- Heating of swimming pools
- Storage tank

FREEDOM FOR FUTURE

S M A L L W I N D T U R B I N E S I M E T I

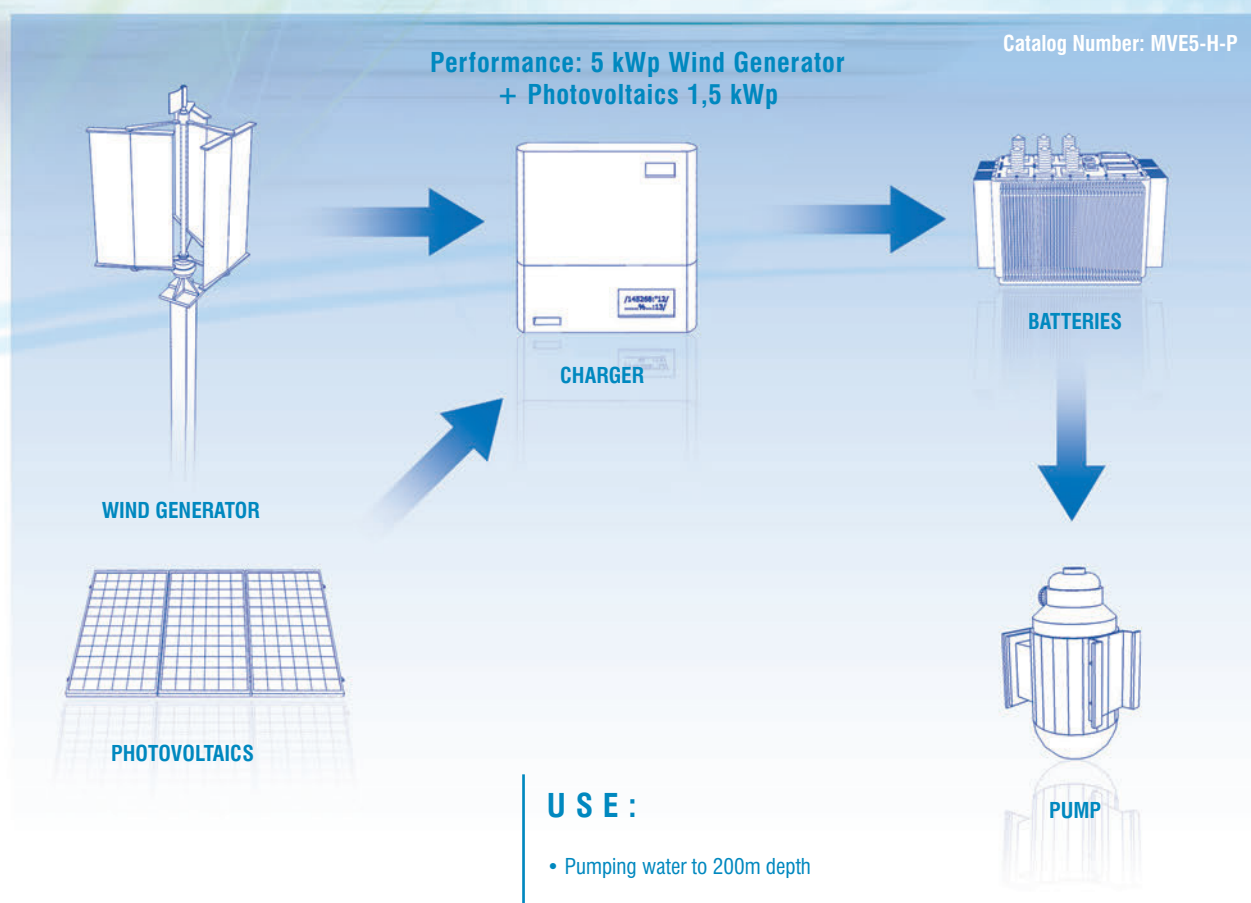
A P P L I C A T I O N S



FREEDOM FOR FUTURE

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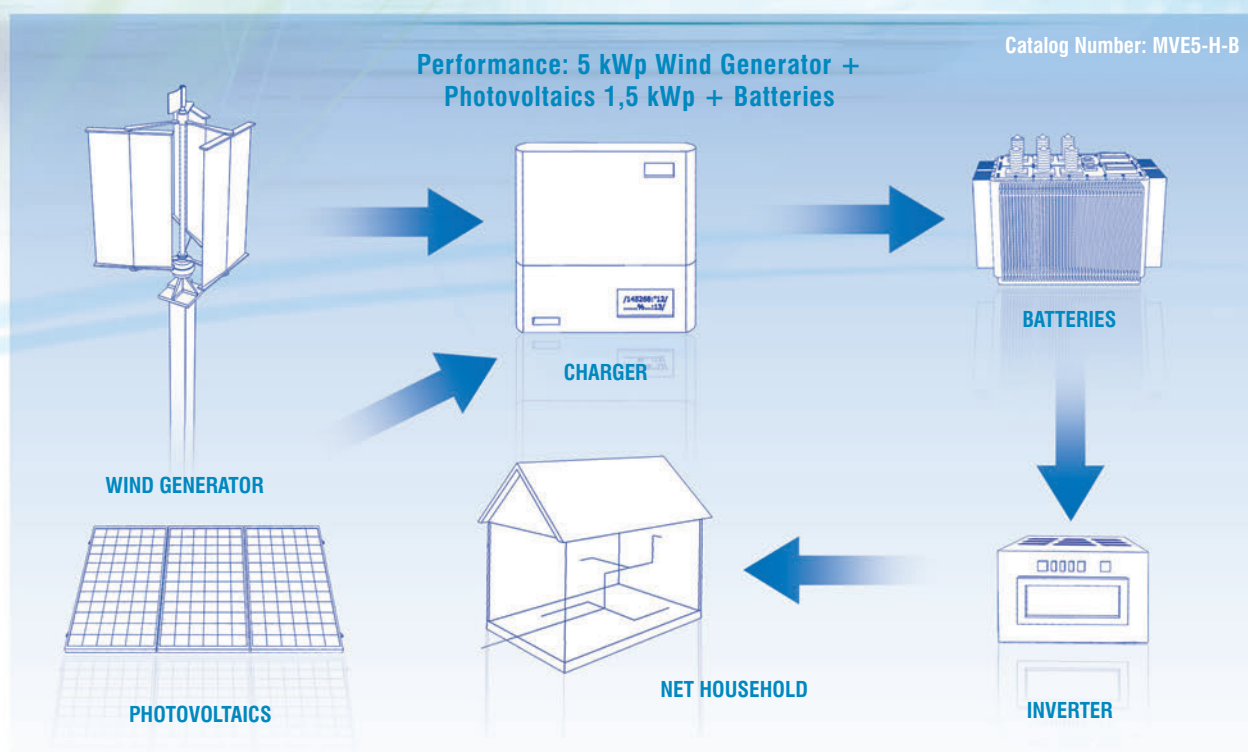
A P P L I C A T I O N S



FREEDOM FOR FUTURE

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A P P L I C A T I O N S



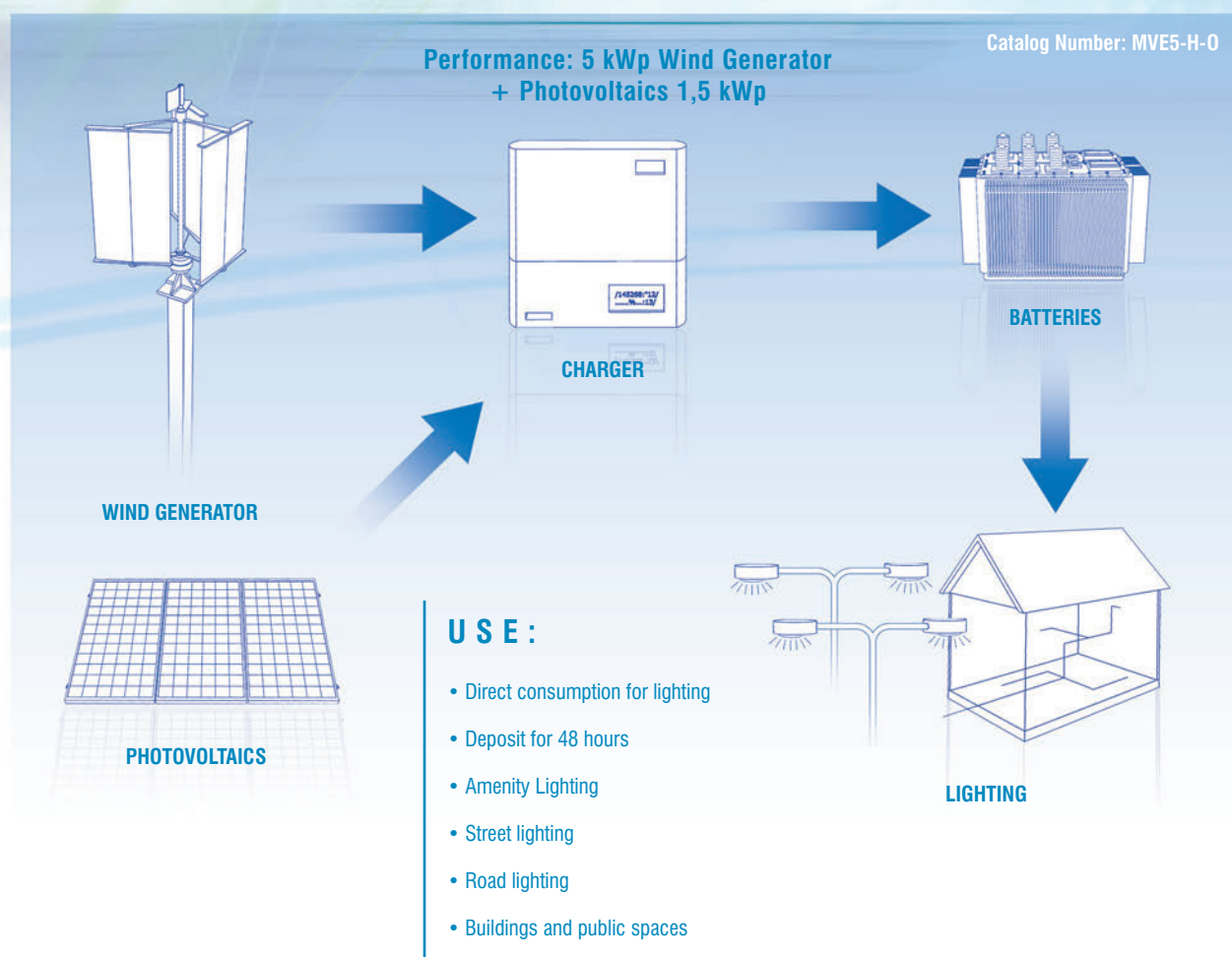
USE:

- Direct consumption of energy produced
- 230 V/50 Hz
- Advance to the batteries (approx. 24 hours)

FREEDOM FOR FUTURE

S M A L L W I N D T U R B I N E S I M E T I

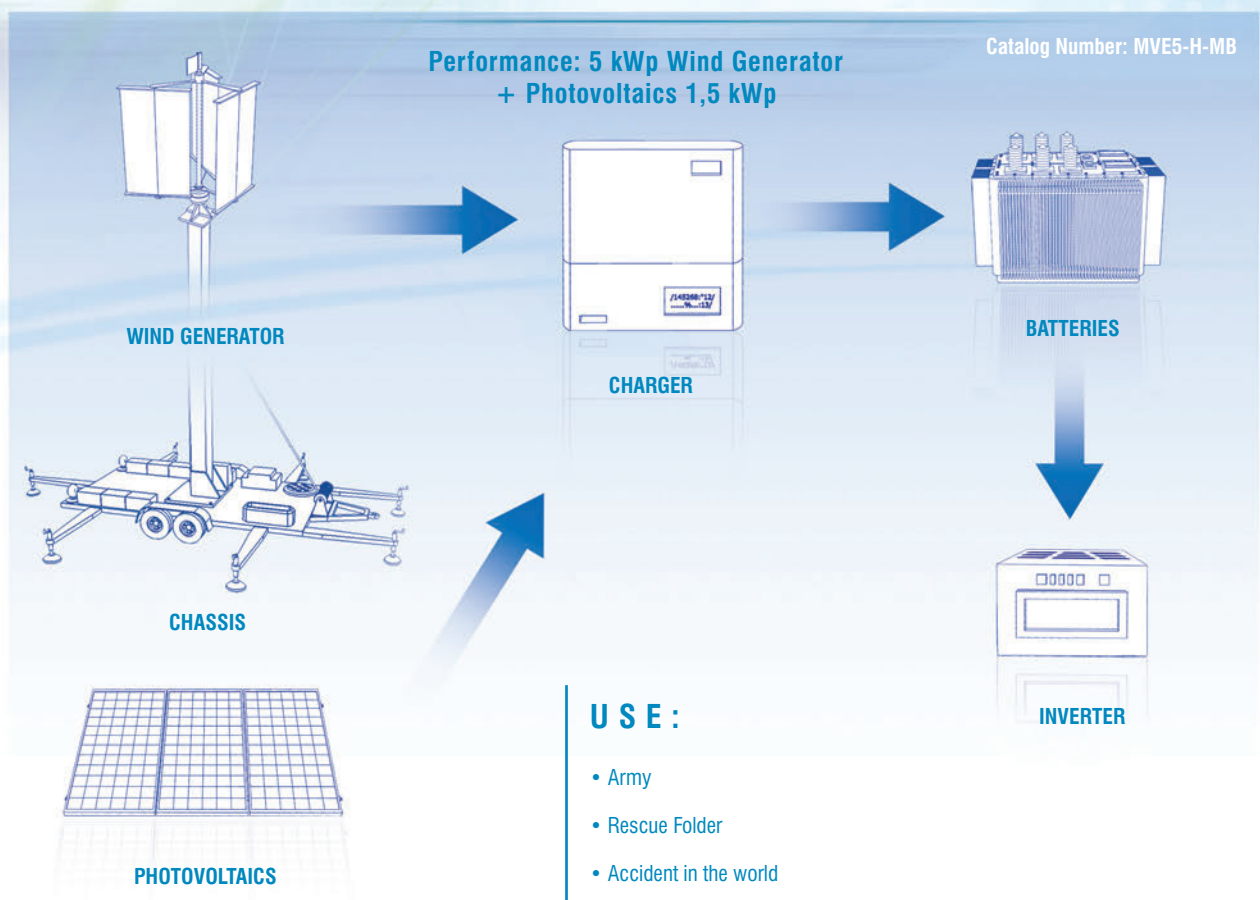
A P P L I C A T I O N S



FREEDOM FOR FUTURE

S M A L L W I N D T U R B I N E S I M E T I

A P P L I C A T I O N S



FREEDOM FOR FUTURE

A COMPARISON OF DIFFERENT TYPES OF TURBINE



CLASSIC TURBINE

- 8 m rotor diameter
- Weight 680 kg
- Stroboscopic effect
- Not bird-safe

CLASSIC TURBINE

- 5 m rotor diameter
- Weight 550 kg
- Stroboscopic effect
- Not bird-safe

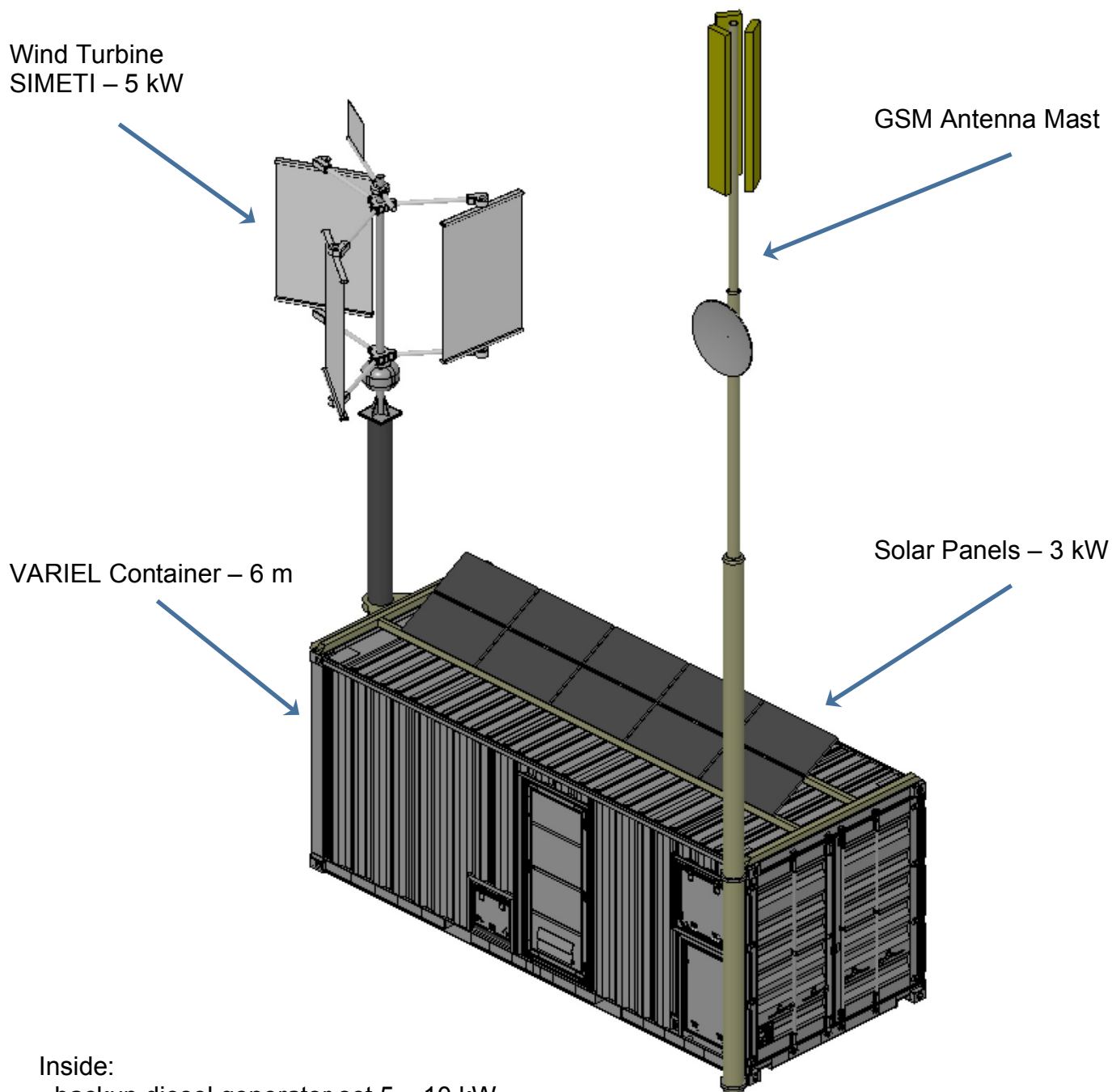
VERTICAL TURBINE

- 4 m rotor diameter
- Weight 390–1200 kg
- Stroboscopic effect
- Not bird-safe

TURBINE SIMETI

- 3 m rotor diameter
- Weight 250 kg
- No stroboscopic effect
- Bird-safe

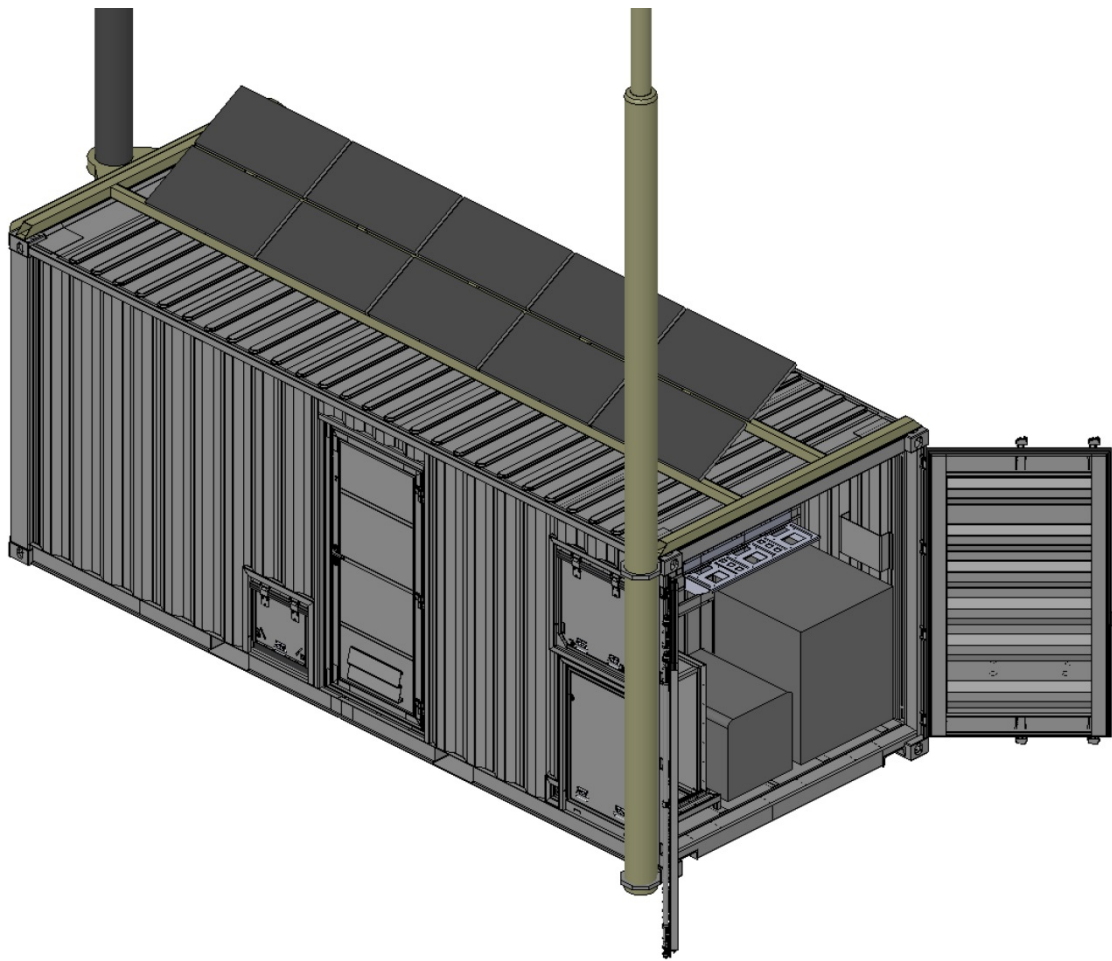
BTS Container Station Energy Self Supported

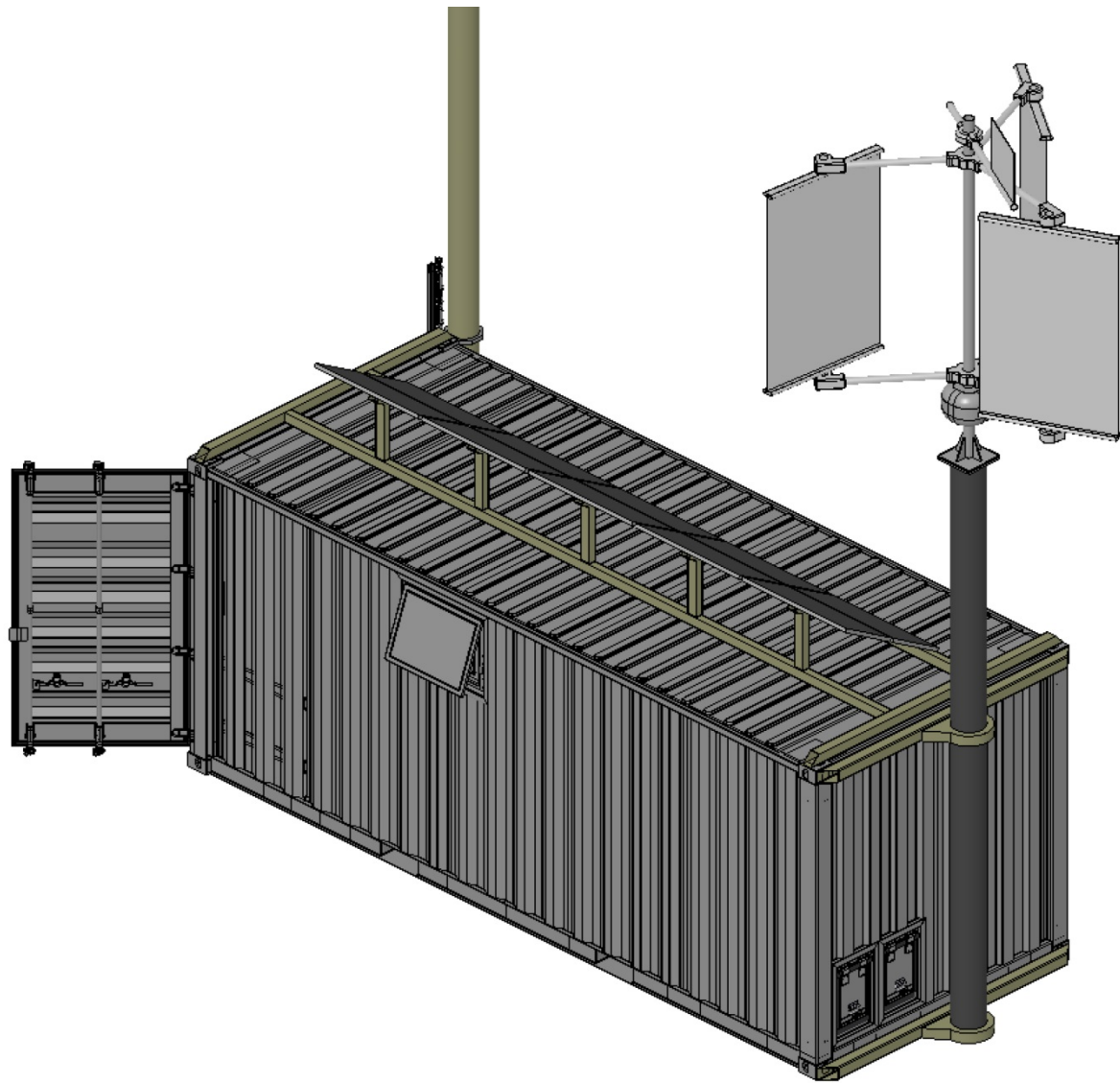


Inside:

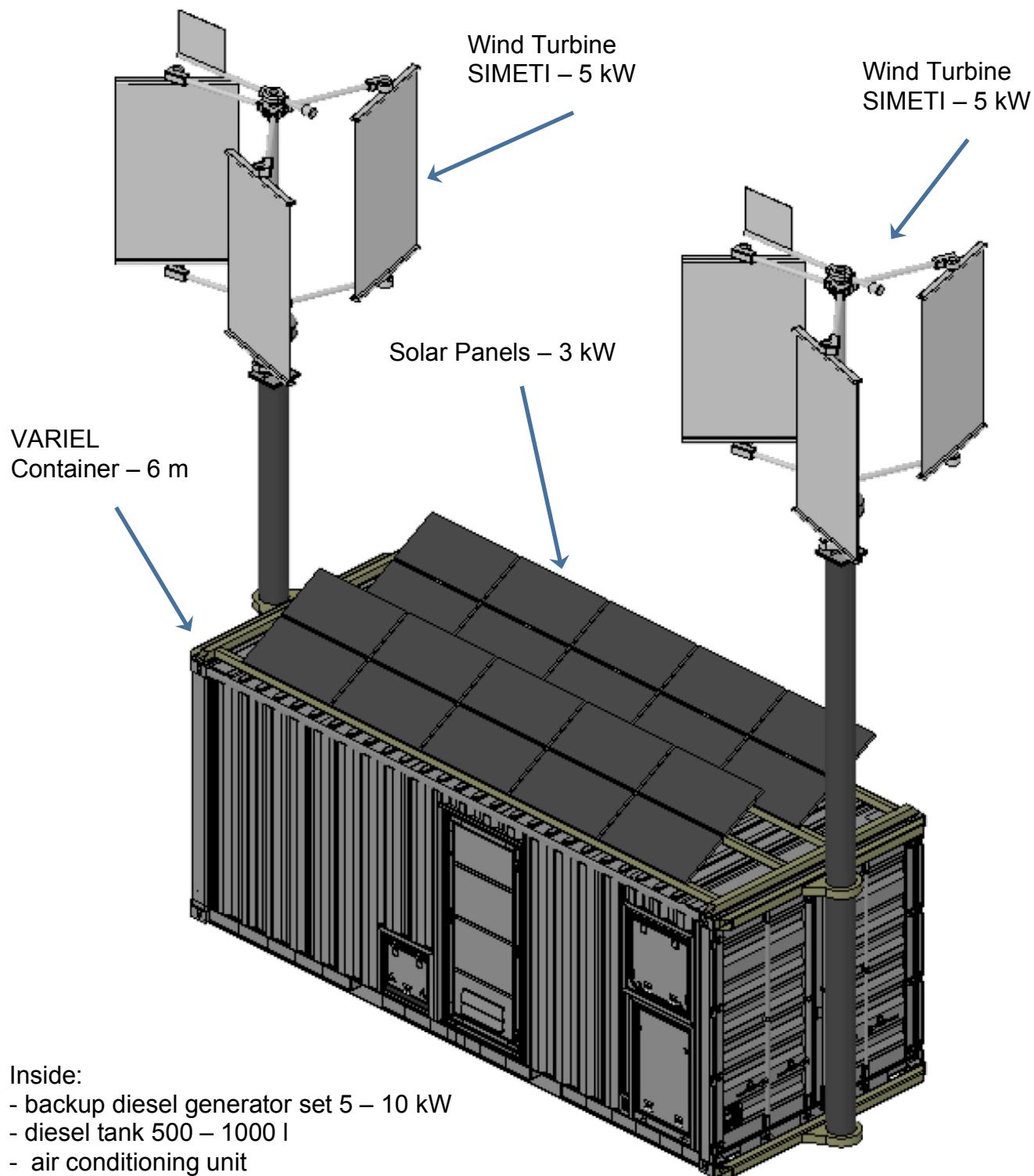
- backup diesel generator set 5 – 10 kW
- diesel tank 500 – 1000 l
- GSM technology including batteries
- air conditioning unit

All the equipment is transportable in the container.

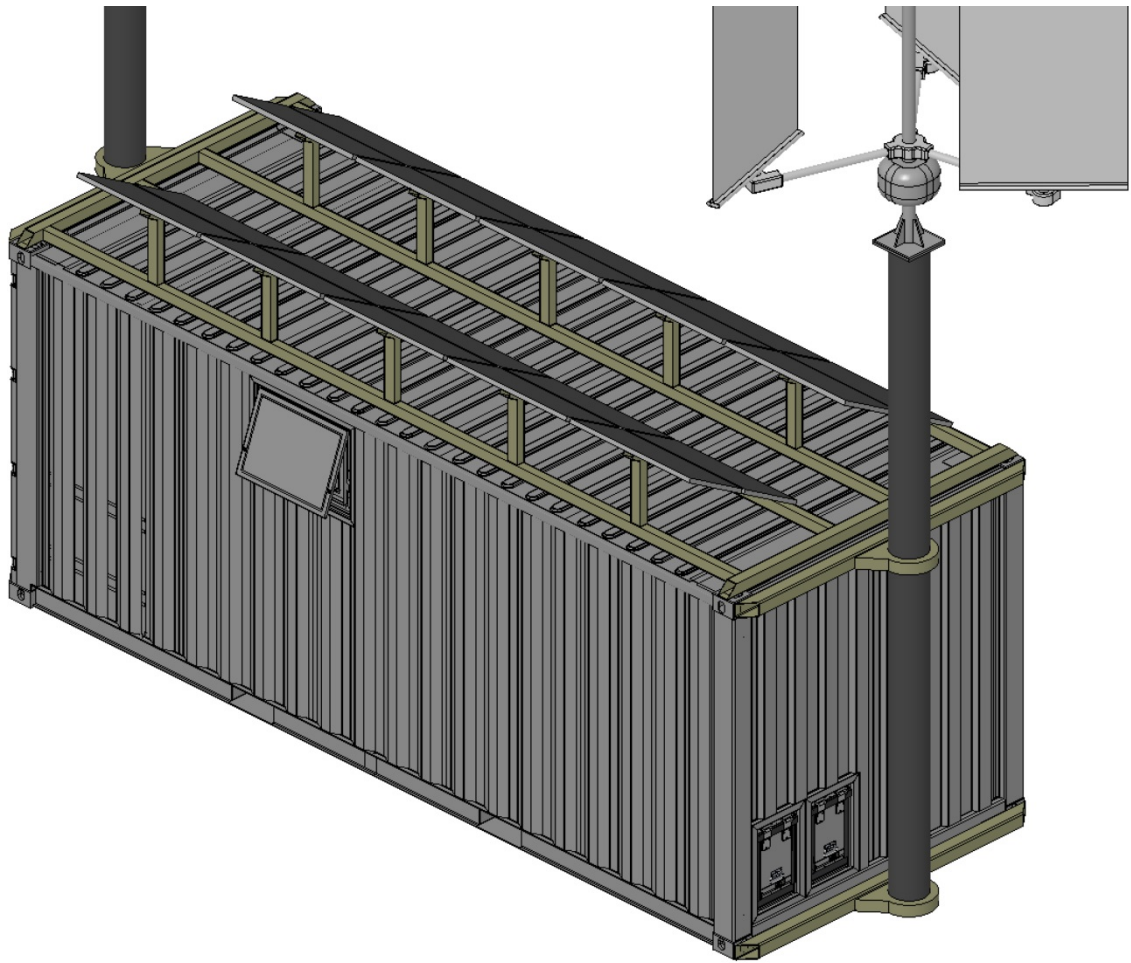


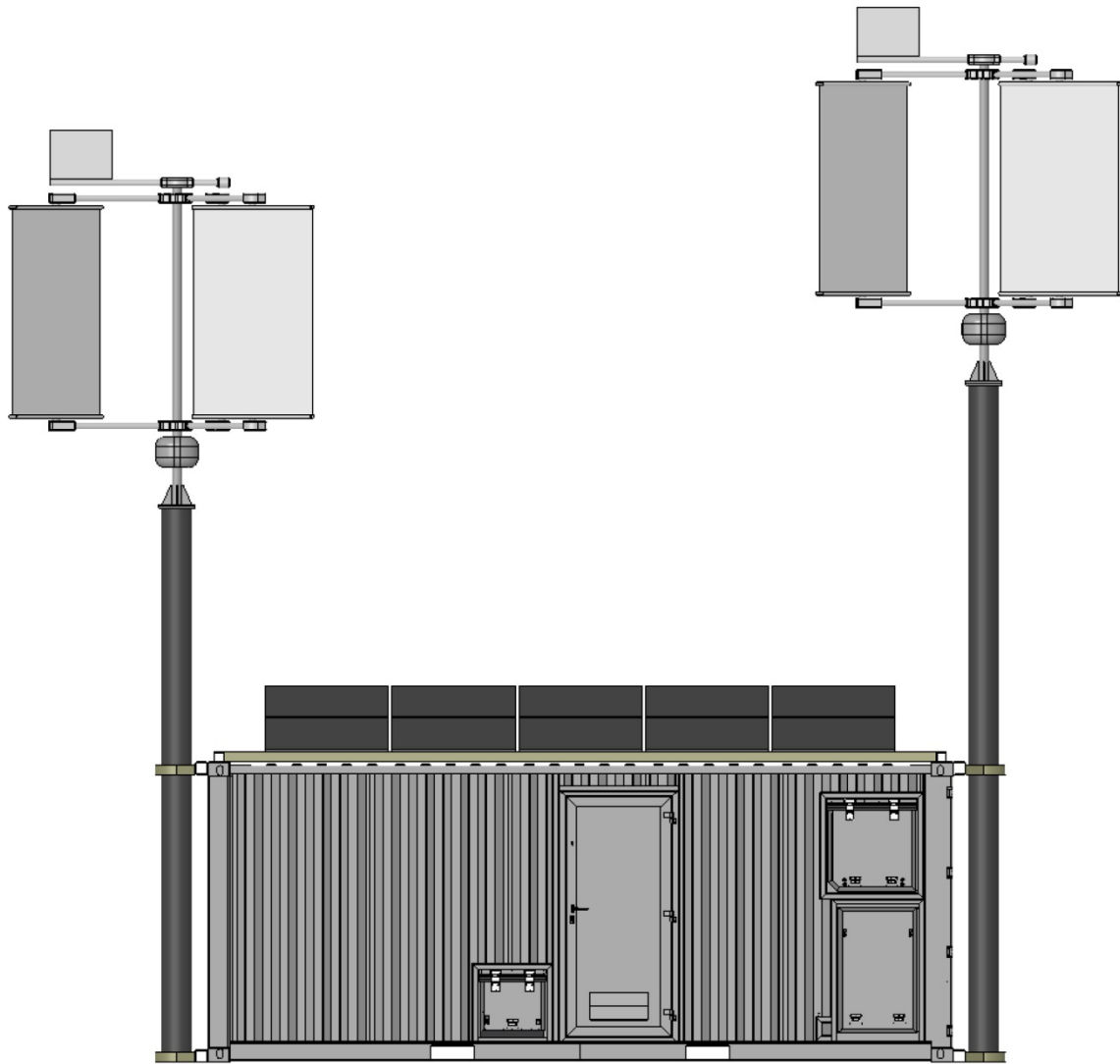


Container Power Station

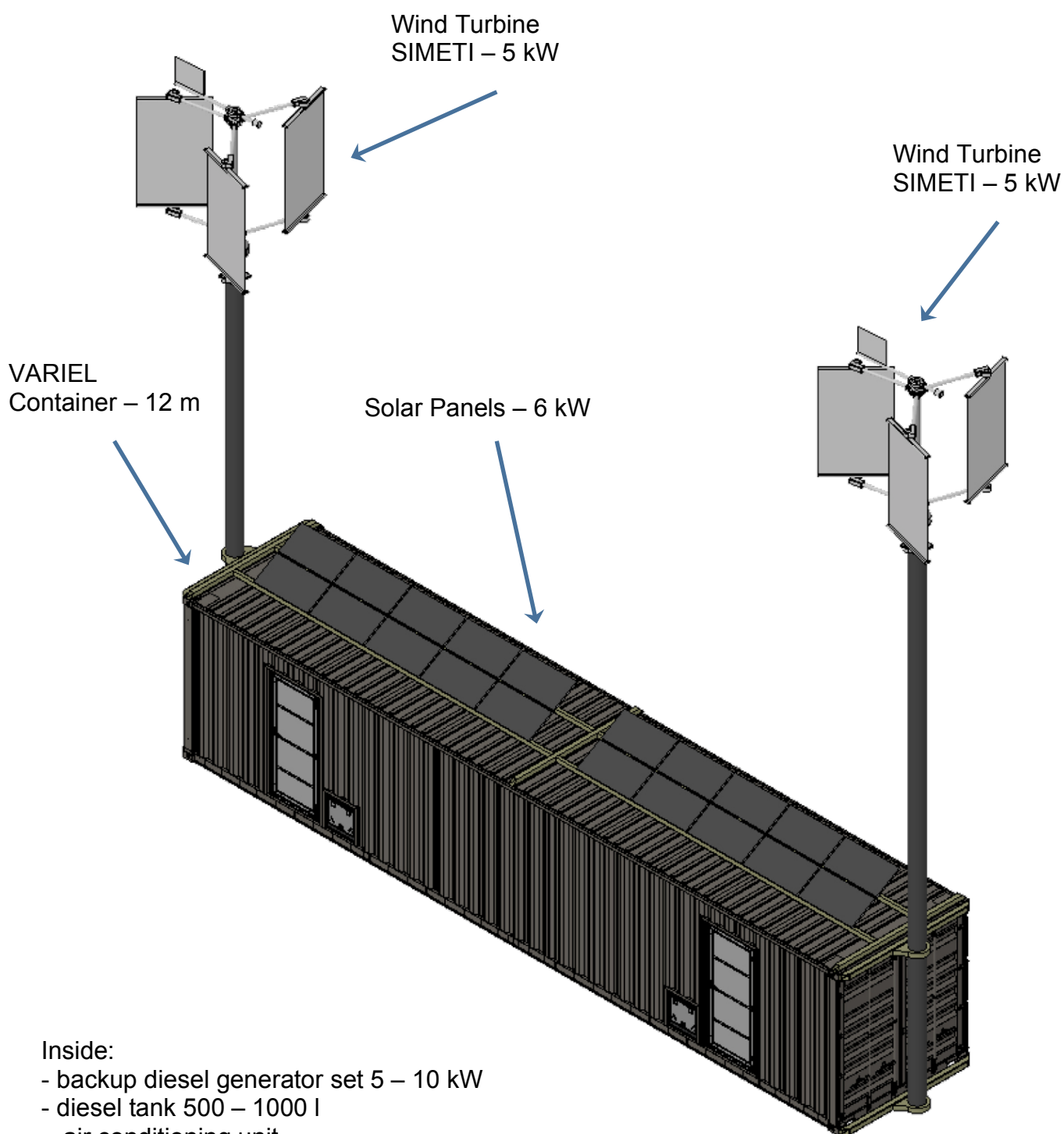


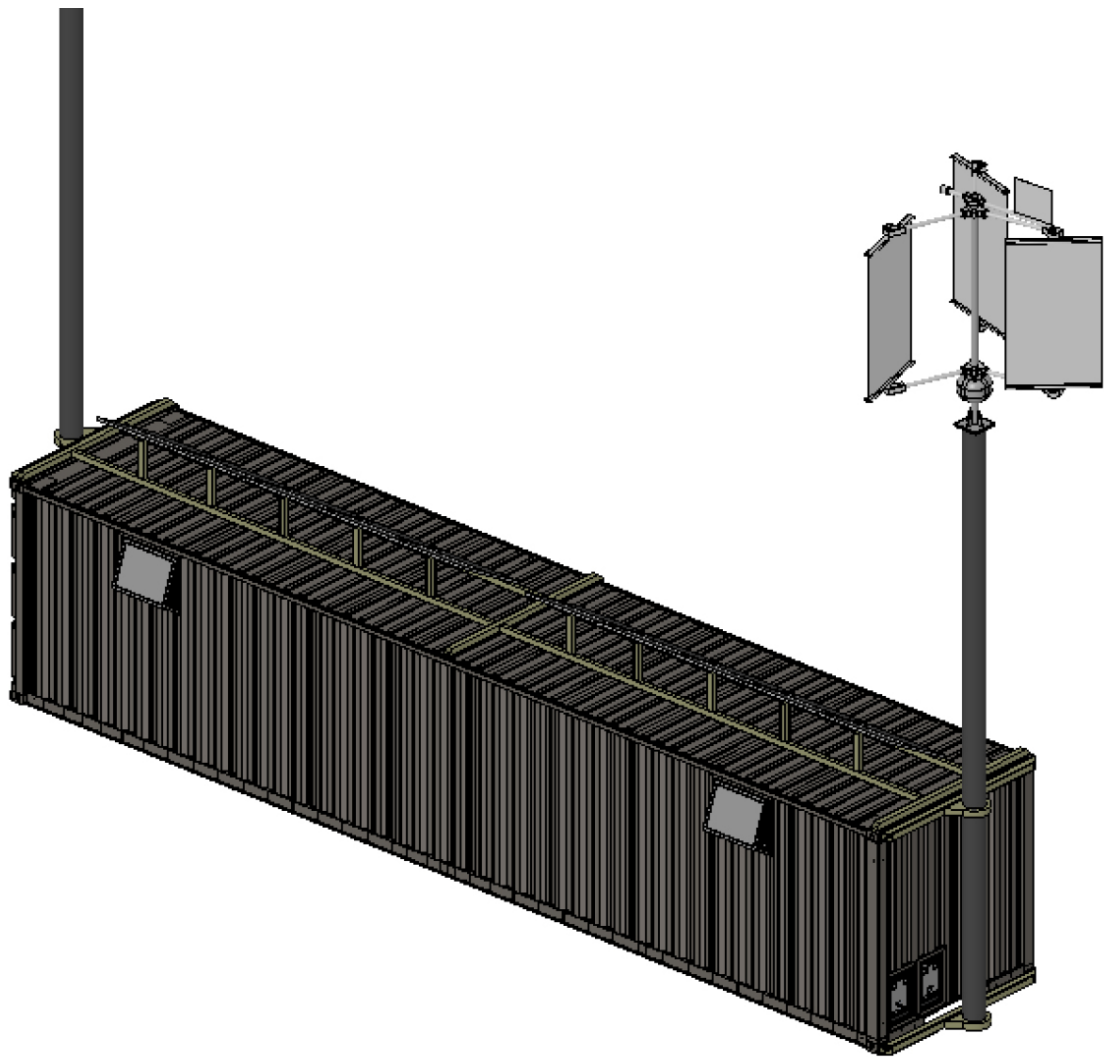
All the equipment is transportable in the container.

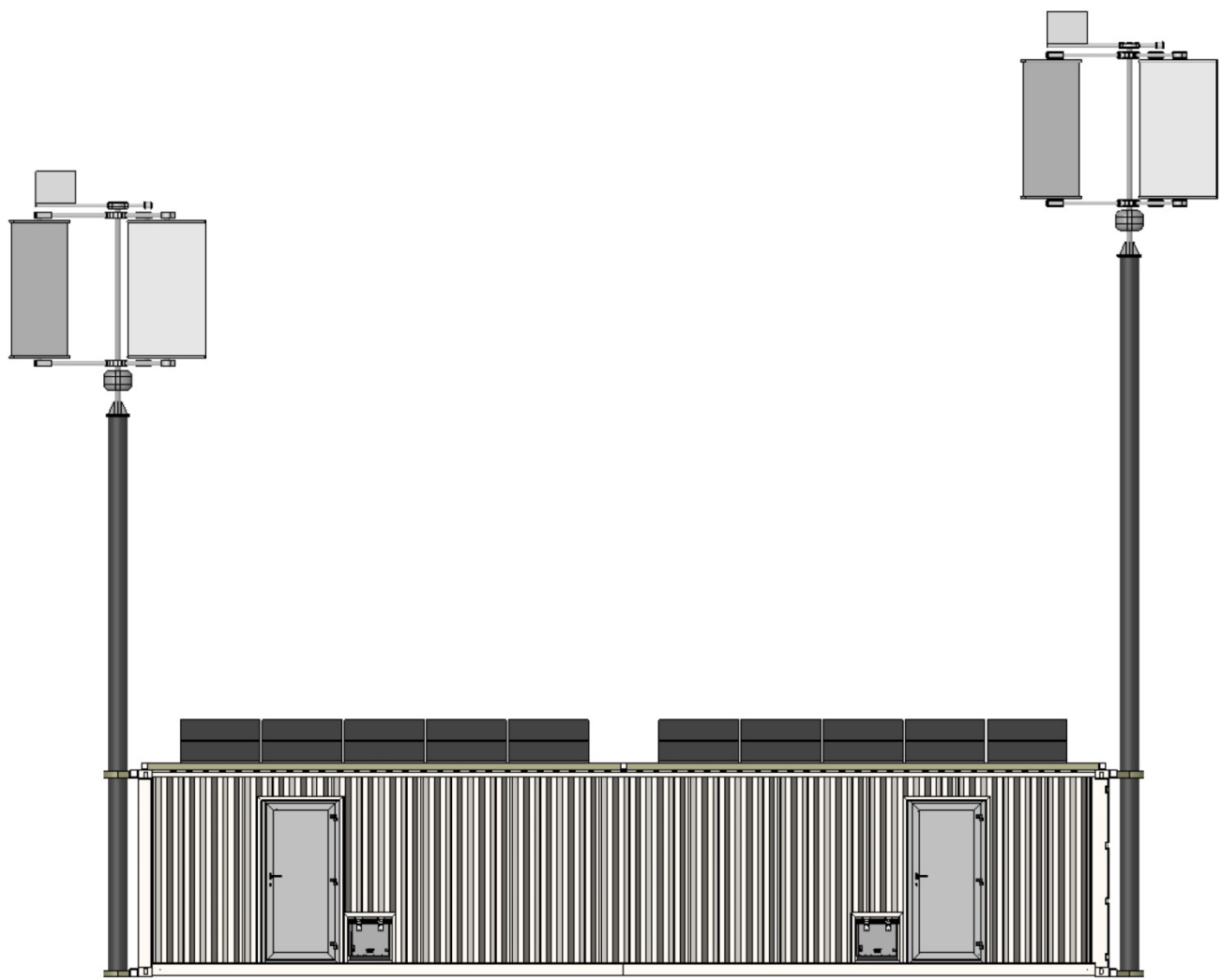




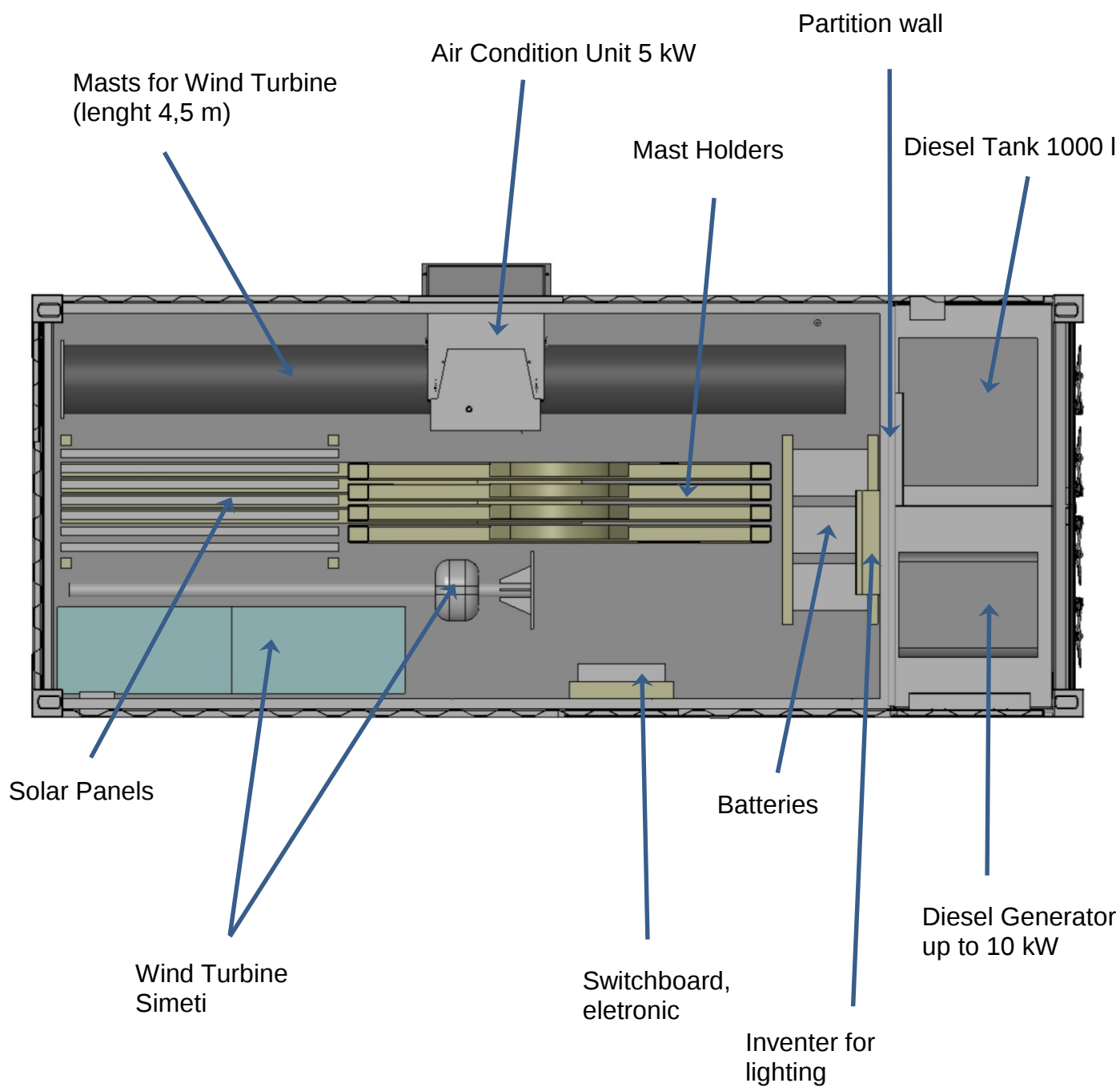
Container Power Station

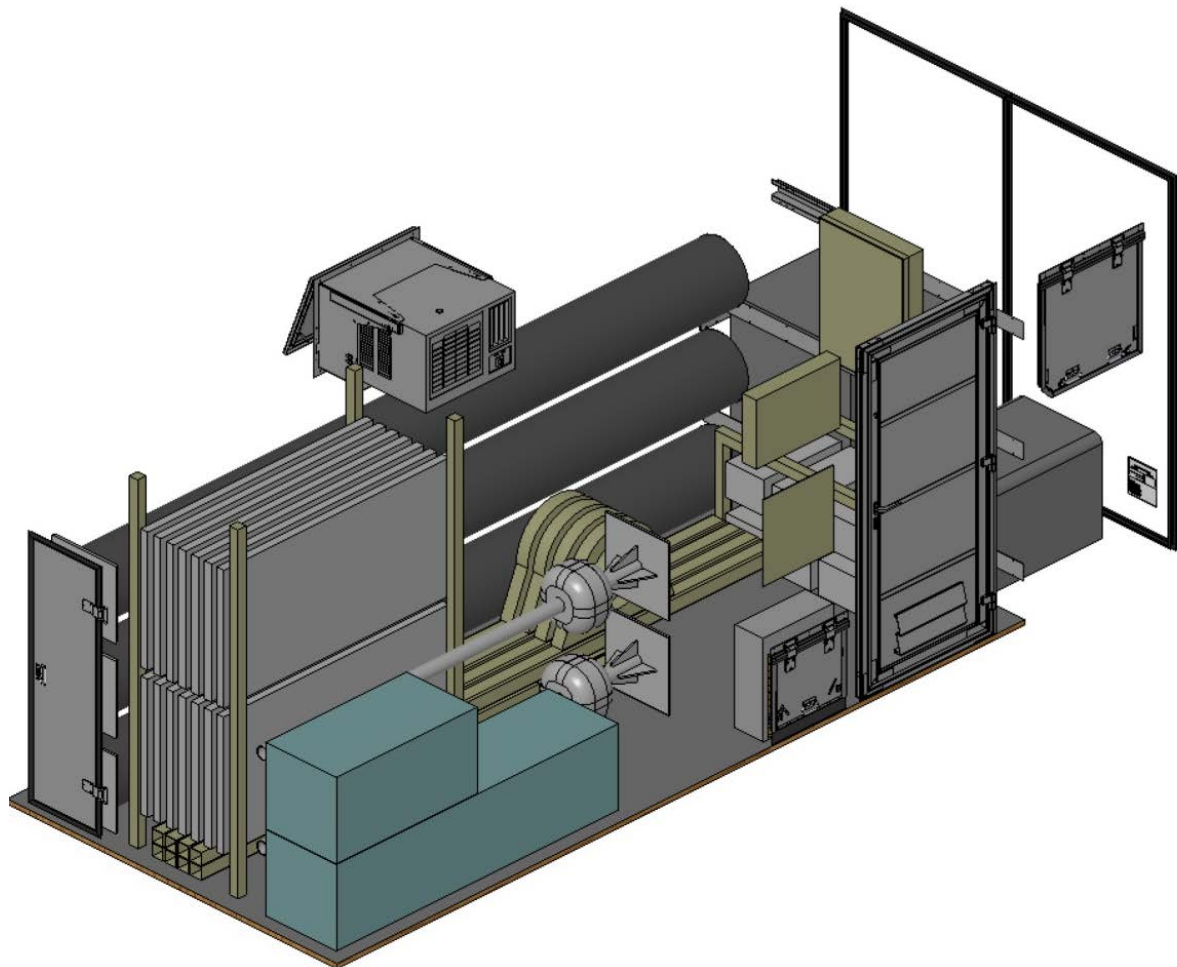






Container Power Station - internal layout





Container ISO 1 C (20 ft)

- dimensions 2438 x 2438 x 6058 mm
- CSC certification – CSC plate
- all the equipment (wind turbine, generator, solar panels masts etc.) transportable inside the container
- air condition unit 5 kW
- maximum stack height 1+8

Inside the container

- backup diesel generator set 10 kW
- diesel tank 1000 l
- other equipment according customer requests