



***Total Energy  
Solution Shelter***

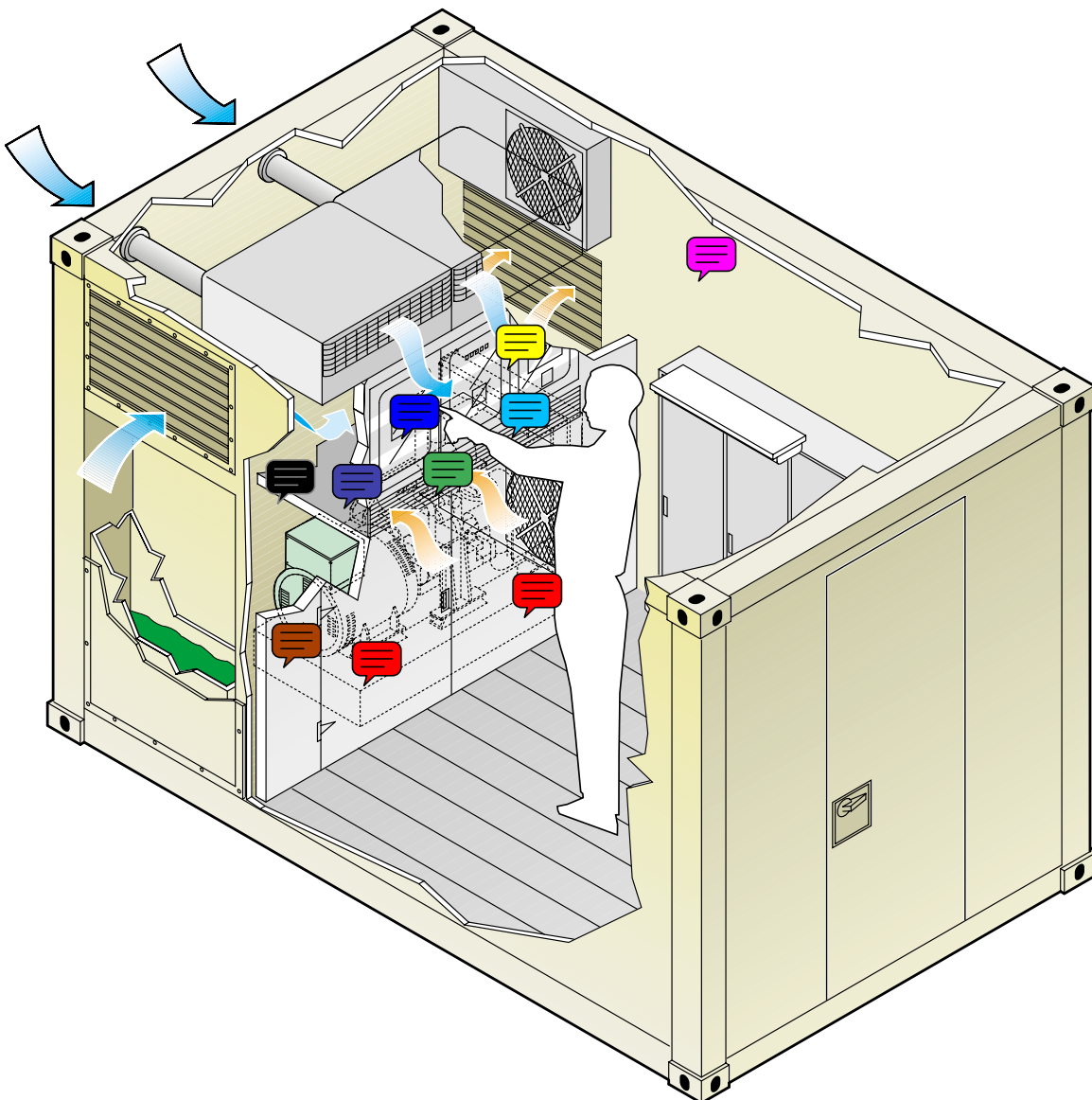


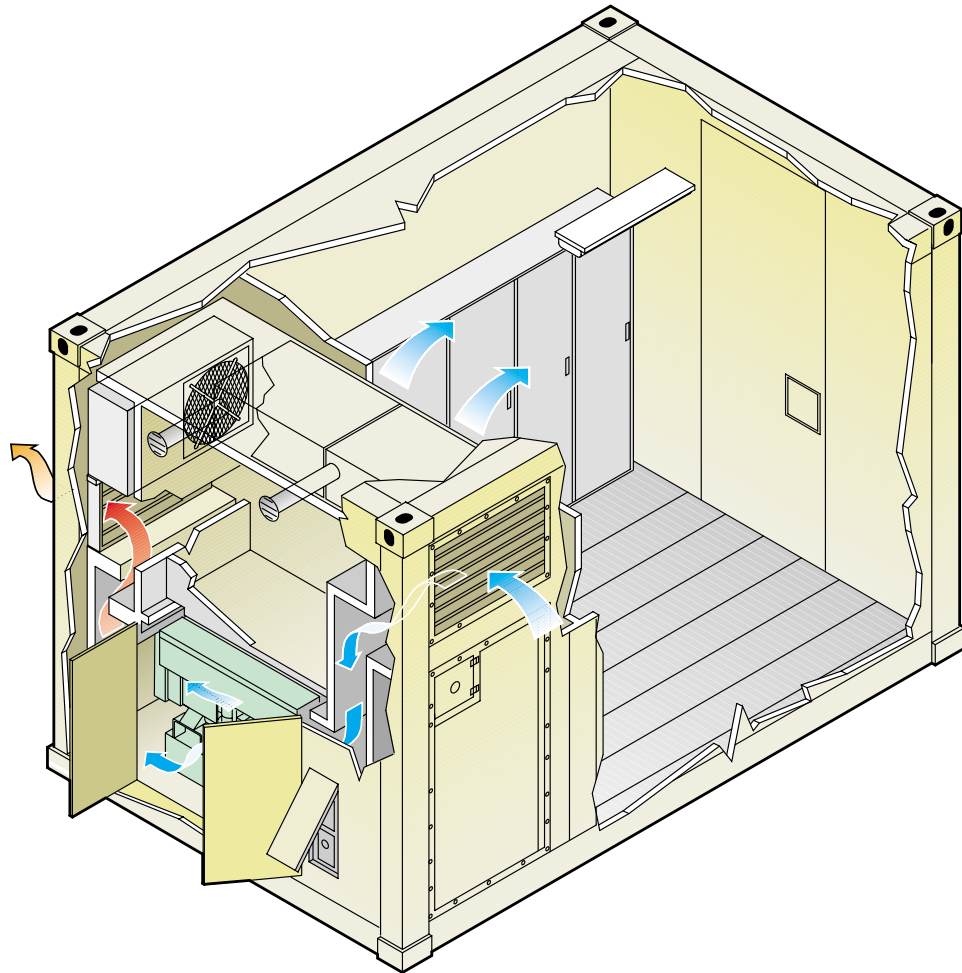
Fleks, based on a many years tradition of mobile energy systems production for the telecom/television market, proposes itself as a successful supplier of integrated modules for telecom plants. The module is supplied as a turn-key solution, factory tested and ready for quick installation/commissioning.

### Benefits

- Low total cost;
- Easy handling;
- Easy and low cost installation/commissioning;
- Reduced maintenance costs;
- Solution and products designed for telecom requirements;
- Compliance with customer specific requirements.

The integrated module can be offered as an equipped solution with shelter house, generating set, air conditioning, alarms, AC power distribution, DC power and battery back-up systems.





The system can also be supplied as two separated units.

## Power Module

Includes the generating set equipped with all relevant equipments, AC, DC power distribution and climate control

<b>2 x Generating set</b>	Low noise level (with running genset 65 dB(A) at 7 m DC 24,48) Fuel tank capacity for more than 400 l Compatibility with world-wide mains voltage Different modes of operations
<b>Double air conditioning system</b>	Redundancy system Outdoor temperature sensor Indoor temperature sensor Module for free-cooling system (optional)
<b>AC, DC power distribution</b>	Distribution units for all kind of applications Load disconnection priority in two or several steps
<b>Remote supervision system</b>	Distributed architecture Web interface Tools for technical service

## Shelter House

The shelter house can be supplied already assembled or in quick assembling kit. Dimensions are designed in compliance with customer specific requirements.

The shelter house includes the following main components:

- Automatic fire detection/extinguishing system;
- Lighting;
- Grounding system;
- Alarm handling;
- Rectifier units;
- Battery back-up system ;
- DC power system.

PV and wind generator (optional)

