



rajmont



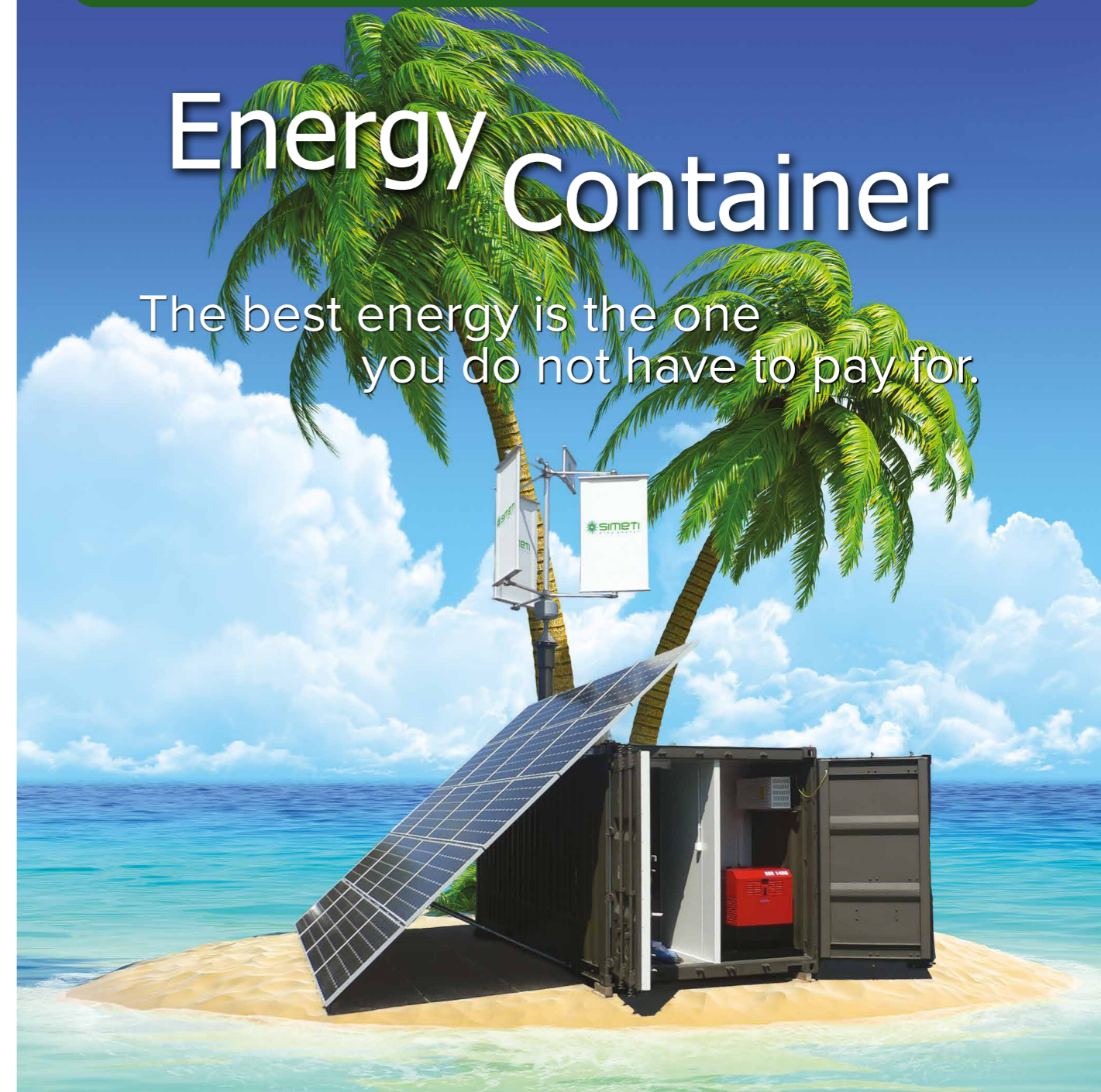
Mobile Energy Container

Technical details:

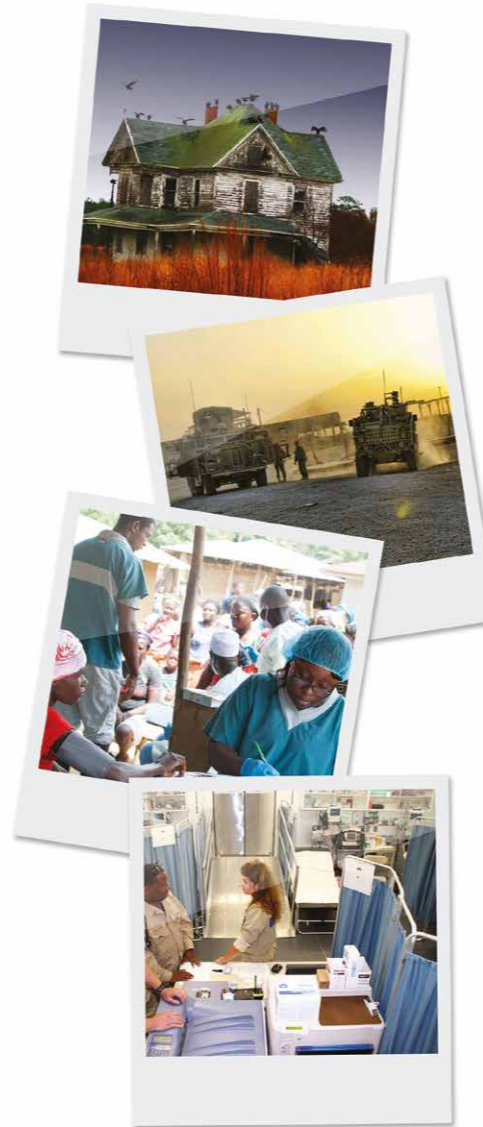
PV system:	9,2 kWp PV system, 28 monocrystalline PV modules, each 327 Wp, robust steel and aluminium construction for extreme conditions
Wind system:	5 kWp, 4,5 m dural mast, folding system
Battery system:	battery voltage: 260V; capacity: 300 Ah total installed capacity: 78 kWh; usable capacity: 62 kWh battery type: LiFePO4; battery management system included
Diesel generator:	continuous power 14,0 kVA/11,2 kW, alternator DUPLEX, nominal voltage 400V 3~ / 230V 1~, frequency 50Hz, protection class IP 54, weight 320 kg
Fuel:	diesel
Management system:	off-grid island system 3 x 400V / 50Hz
Communications:	RS-485, Modbus
Environmental:	operating temperature range from -10 to 45 °C, humidity 0-90 °C non condensing
Dimensions/Weight:	2438 x 2438 x 6058 mm (w x h x l) / 6000 kg
Design:	container ISO 1C (20 foot), CSC certified container ISO 1CC (20 foot), CSC certified container ISO 1A/ISO 1AA (40 feet), CSC certified
Optional:	modular PV system with higher output (min 18,4 kWp) air condition water treatment higher battery capacity additional fuel up to 1000 litre generator to power generator up to 24kW bullet proof version remote communication and logging via GPRS

Energy Container

The best energy is the one you do not have to pay for.



Mobile Energy Container - scheme



SIMETI Wind Energy

Wind turbine type SIMETI moves indication of wind micro power stations to the next level achieved by its design and performance. Direct connection of the generator and turbine direct drive ensures smooth operation without excessive vibration or reducing performance.

VARIEL a.s.

The company VARIEL has been on the Czech market for more than 50 years. Variel is a pure Czech company without any foreign shares. The company VARIEL is focused on developing, manufacturing and testing various types of special containers.

Rajmont s.r.o.

Firma Rajmont s.r.o. manufactures power electronics, designs and supplies equipment for induction heating, high frequency and medium frequency generators of power and frequency levels, switching DC power supply and industrial automation applications.

Terra Endress Power Generators

Whether it is for energy centers, backup or building generators, the company TERRA is ready to offer you a complete solution for your energy system generators ENDRESS. Innovative special machines for fire fighting, disaster relief and emergency services are also part of the program.

www.energy-container.cz

info@energy-container.cz

Mobile Energy Container

Installed in 3 hours !!!

Mobile energy power for :

- Integrated rescue systems (temporary solutions for disaster areas)
- Military purposes
- Mobile hospitals
- Base Transceiver Stations and telecommunication systems
- Rural areas and local communities
- Mountain rescue
- Underground and open cast mining operations
- Police stations
- Cover peak power demands
- Ports and Marinas
- Gas Station

