

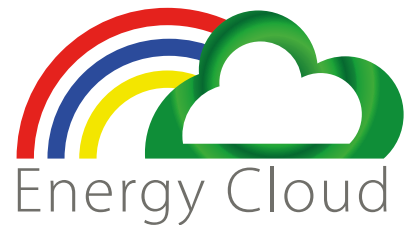
Alfons Mobile Energy Container

Technical details:

PV system:	9,2 kWp PV system, 28 monocrystalline PV modules, each 327 Wp, robust steel and aluminium construction for extreme conditions
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
Optional:	container ISO 1CC (20 foot), CSC certified container ISO 1A/ISO 1AA (40 feet), CSC certified modular PV system with higher output (min 18,4 kWp) second wind turbine 5 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



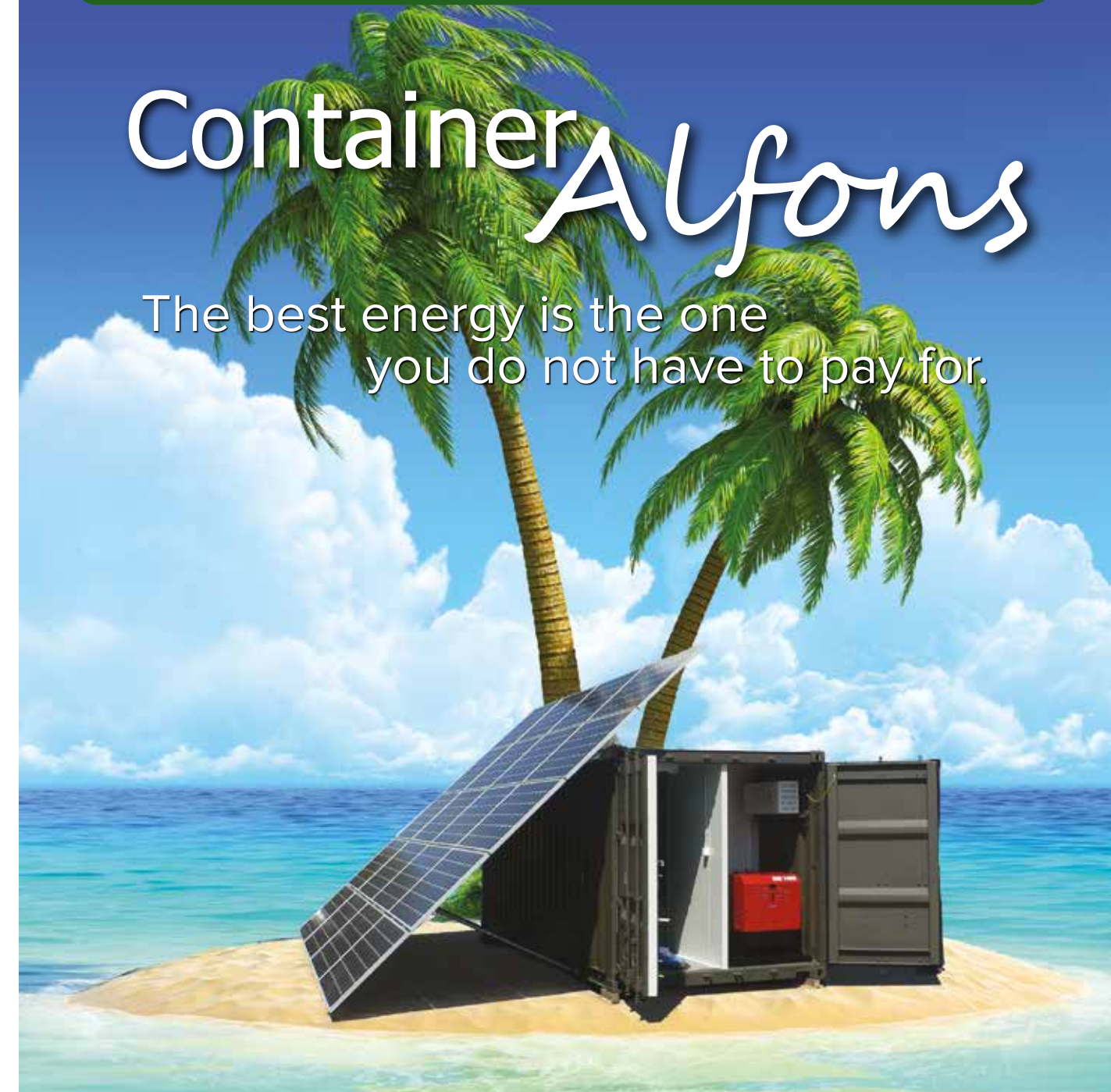
DECCI a.s.



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Alfons – Mobile Energy Container - scheme



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.

Decci a.s.

Decci a.s. is a Czech company, which owns and operates photovoltaic power plants under a single trademark, FVE CZECH. This trademark represents a complex technological photovoltaic power plant design, operational regulations and control systems for photovoltaic power plant operations.

Energy Cloud

NetPro Systems Company is committed to the research and development in the field of building automation systems and energy storage systems (Energy Cloud). Its focus is on using energy from PV and wind power plants, drawing redundancies from distribution grids and storing this energy in the form of accumulated electrical charge for batteries. The interconnection of the storage devices using a remote control centre has given a rise to the energetic complex – Energy Cloud.

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.

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- Integrated rescue systems (temporary solutions for disaster areas)
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- Rural areas and local communities
- Mountain rescue
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- Police stations
- Cover peak power demands
- Ports and Marinas
- Gas Station

