LISEPRO®
Energie & Robotik

LISEPRO Energy Container

LISEPRO CLEAN ENERGY

Your partner for renewable energy projects

lisepro.com

Off-grid hybrid systems

GERMAN TECHNOLOGY & EXPERTISE

The energy container is a self-sufficient energy system developed by Intech to provide electricity in off-grid areas. Each container is equipped with a photovoltaic system, vertical wind turbine, battery bank and generator and is dimensioned according to the customer's needs. Monitoring with remote diagnostics are installed as standard and offer our customers maximum autonomy and reliability. All of our energy containers are pre-assembled, tested and pre-configured prior to shipment to ensure fast and cost-effective implementation worldwide.

TECHNICAL SPECIFICATIONS

GENERAL DATA	LP10-EC	LP 30-EC	LP 100-EC
container size	20´	20´	40´
PV / WT SYSTEM	EC 10	EC 30	EC 100
system performance	10 kW	30 kW	100 kW
Phases	1-3	3	3
installation type photovoltaic and wind system	PV ground mounting and wind roof mounting		
GENERATOR	EC 10	EC 30	EC 100
rated capacity	7.6 kVA	20 kVA / 16 kW	60 kVA / 48 kW
Phases	1	3	3
BATTERIE	EC 10	EC 30	EC 100
Typ	Gel/lead battery GEL / VRLA*		
System Capacity Ah	24		72
number of cells	48 V		
system voltage	1 080 Ah	2 060 Ah	10 000 Ah
System capacity kWh	52 kWh	100 kWh	480 kWh
STANDALONE INVERTER	EC 10	EC 30	EC 100
Performance (rated/30min)	6 kW / 8kW		
number of inverters	1	3	9
system rating	6kW	18 kW	54 kW

*Other storage technologies are available on request.

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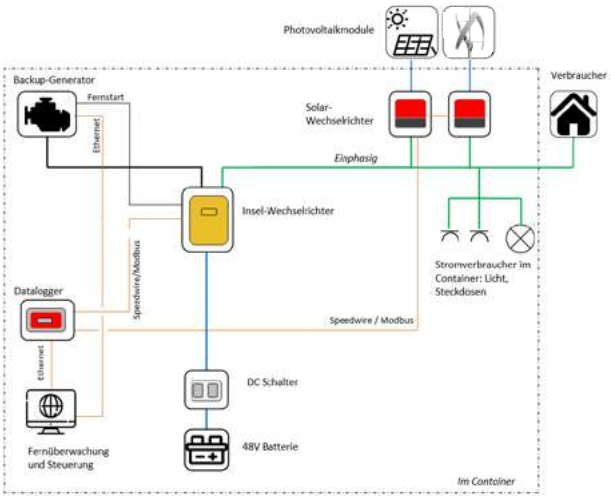
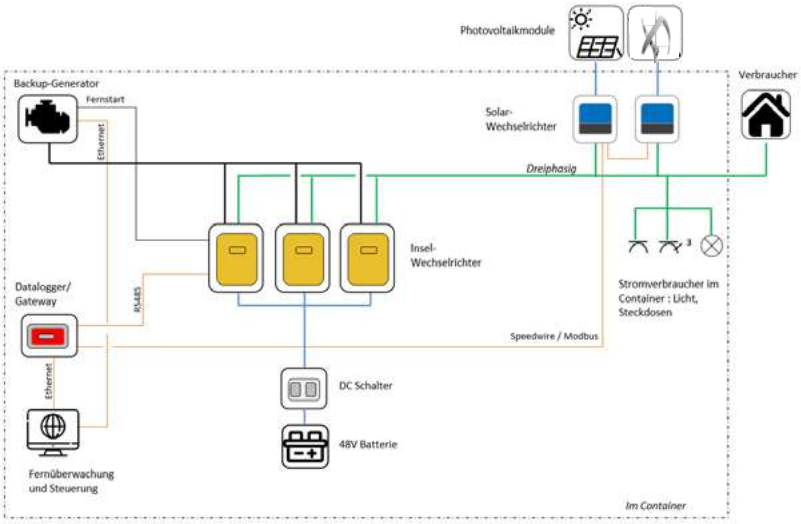
FUNCTIONAL SCHEMATIC

1-PHASE SYSTEM

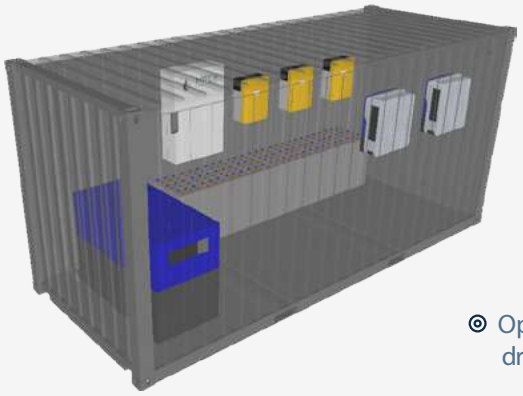


3-PHASE SYSTEM



ADVANTAGES

- Fast installation
- Cost-efficient solution
- Robust solution
- Modular system
- Easy maintenance
- Optional drinking water treatment
- Remote diagnosis and monitoring



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