



ENERGY-BUTLER

THE ALL-IN-ONE MULTI-FUNCTIONAL STORAGE SOLUTION

- Very high charge and discharge capacity
- Fully-fledged emergency power operation incl. PV recharging
- Island and black start capable
- Quick and easy installation
- Safe and powerful LFP cell technology

THE FLEXIBLE ELECTRICITY STORAGE SYSTEM

Integrated hybrid inverter in sizes 6, 8, 10, 12, 15 and 20 kW as well as stackable battery modules from 11.5 kWh to 30.7 kWh

WARRANTY

for 10 years

EXPANDABLE

Up to 10x cascadable to a total of 300 kWh



1-PHASE SOLUTION

Also available with a single-phase hybrid inverter in the sizes 3, 4.2 and 6 kW. Perfect for off-grid systems such as mountain huts or forestry cabins.

PROFESSIONAL TIP

PERFECT SOLUTION FOR PROFESSIONALS

- Simple assembly thanks to modular design
- Plug & Play: Inverter already integrated
- Intelligent networking with heat pumps and all other E-SMART products such as charging stations, heating elements and external PV inverters



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TECHNICAL
INFORMATION



**GRID INDEPENDENT EMERGENCY
BACK-UP INTEGRATED**

In the event of a complete power grid failure, the island-compatible ENERGY-BUTLER is suitable as a safe back-up.

**THE ENERGY BUTLER: UTILISE YOUR OWN ENERGY PRODUCTION
AROUND THE CLOCK**

The modular concept of the ENERGY-BUTLER is not only suitable for detached houses, but can also be expanded for companies or for multi-storey residential buildings up to 300 kWh. The integrated inverter saves time during installation and space in the technical room.

TECHNICAL DATA

Hybrid inverter	6kW-3P-3G25	8kW-3P-3G25	10kW-3P-3G40	12kW-3P-3G40	15kW-3P-3G40	20kW-3P-3G40	
Max. usable DC input power	9 kWp	12 kWp	15 kWp	18 kWp	22.5 kWp	30 kWp	
Max. AC output power	6.6 kW	8.8 kW	11.0 kW	13.2 kW	16.5 kW	22 kW	
Max. DC input voltage	850 V						
MPPT voltage range	120 - 850 V	200 - 850 V					
Min. DC starting voltage	135 V						
Max. DC starting voltage	850 V						
MPP tracker / string connections per MPPT	2/1		2/2				
Rated current MPPT	15 A		30 A				
Max. DC charging and discharging current	25 A		40 A				
Max. DC charging and discharging power	6.0 kW	8.0 kW	10,0 kW	12.0 kW	15.0 kW	20.0 kW	
Emergency current switching time	< 10 mS						
Dimensions without battery in mm (WxDxH)	698 x 356 x 613						
Weight in kg	55		59		62		
Battery moduls	2	3	4	5	6	7	8
Storage capacity*	7,7 kWh	11.5 kWh	15.3 kWh	19.2 kWh	23 kWh	26.8 kWh	30.7 kWh
Max. usable storage capacity	6,9 kWh	10.4 kWh	13.8 kWh	17.3 kWh	20.7 kWh	24.1 kWh	27.6 kWh
Nominal voltage	153 V	230 V	307 V	384 V	460 V	537 V	614 V
Dimensions in mm(698 x 356 x H)	1117	1255	1393	1531	1669	1807	1945
Weight in kg	159	201	243	285	327	369	411

* Max. Discharge depth 90% DOD