

ENERGY STORAGE SYSTEM 7.0



Premium Model

NEW!

Efficient Li-Ion storage system
from the German storage expert!
Quality made in Germany at an
outstanding price / performance ratio.

Now scalable to 6 units/40.44kWh

ENERGY STORAGE SYSTEM ESS 7.0

- /// Ideal for home and small business use
- /// Plug & Play installation
- /// 10 year/5,000 cycle pro-rated warranty
- /// Up to a 20 year lifespan
- /// High cycle stability
- /// Extremely compact design
- /// 8,000 watts continuous power

made in **GERMANY**

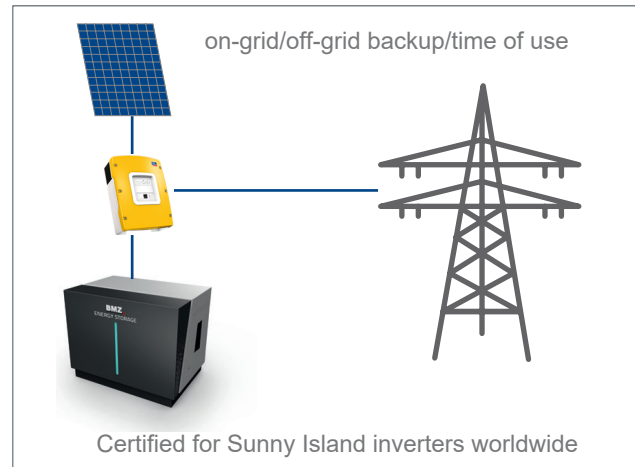
BMZ approved quality



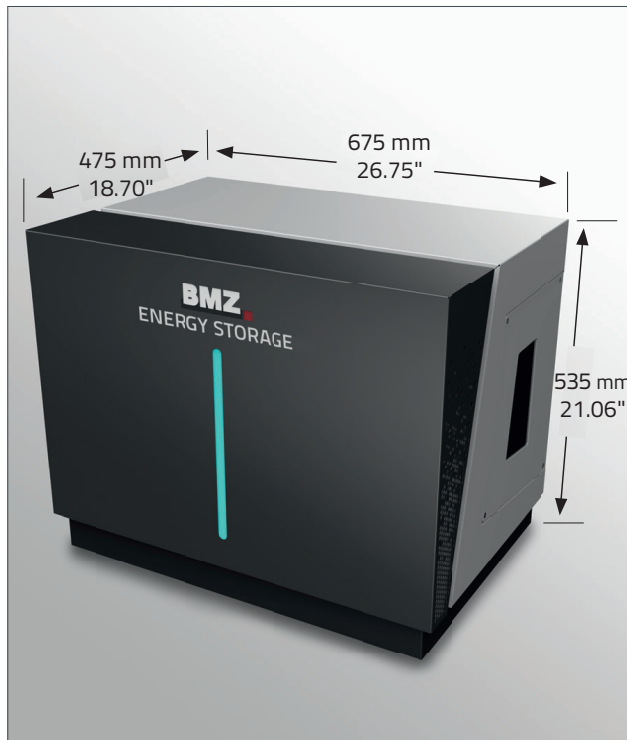
ESS 7.0 - Premium model

THE HIGHLY EFFICIENT STORAGE DEVICE FOR RENEWABLE ENERGY

- /// Environmentally friendly Lithium-Ion battery technology
- /// Up to a 20 year life
- /// Cycle stability at high current
- /// Arbitrary part cycling conditioning – no memory effect
- /// Fast charging: within one hour
- /// Efficient operation with active temperature control
- /// Safety approved technology – latest standards
- /// Integrated battery monitoring
- /// Integrated multilevel safety concept
 - Deep discharge protection
 - Voltage and temperature monitoring
 - Single cell monitoring (passive balancing)
 - State of charge determination
 - (SOC and SOH)
- /// Developed according to VDE-AR-E-2510-2, VDE-AR-E 2510-50, DIN EN 62619, UN 38.3, CE
- /// Ventilation or winter mode not required
- /// No maintenance charging required
- /// 8,000 Watts continuous max. discharge power



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Item may differ from the image shown

Technical Features	
Nominal voltage	55.5 V
Nominal capacity	121.5 Ah
Nominal energy content	6.74 kWh*
Real energy content	5.39 kWh
Complete cycles	5,000
Depth of discharge	80%
Max. current discharge	300 A (3 sec.)
IP class	IP 21
Operating temperature	32°F to 113°F
Max. humidity	85% not condensing
Power connection	2 screw terminals 50 mm ²
Dimensions (l x w x h)	26.75" x 18.70" x 21.06"
Weight	95 kg / 209 lbs

* scalable 6 units - future scalability up to 12 units

BMZ ESS 7.0 Premium SMA Flyer EN 06/20/2016

