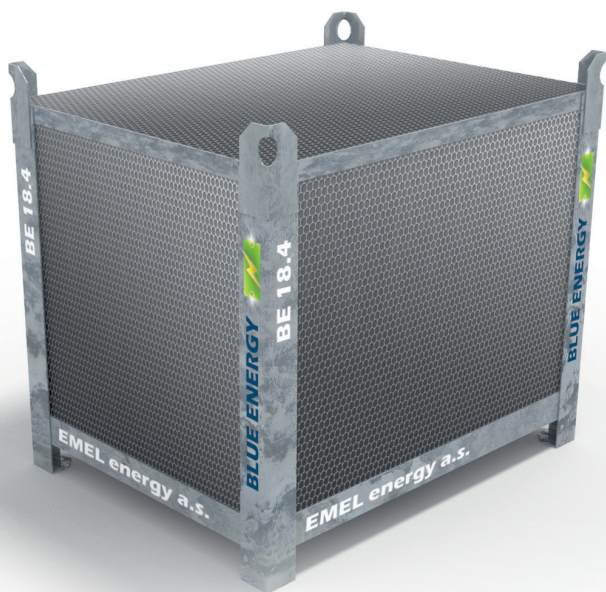




BE 18.4 (kWh)



BE 18.4 delivers extremely long cycle life, deep depth of discharge and high efficiency, making it an ideal choice for stationary, long-duration, daily cycling applications including off-grid and microgrids, industrial energy storage and grid-scale services. The battery is fully scalable and modular — allowing repeatable manufacturing and easy transport.

Physical Characteristics

Height	1.10 m	43.5 in
Width	1.03 m	40.5 in
Depth	1.33 m	52.5 in
Weight	1300 kg	2,865 lbs

Operation & Performance

Capacity	18.4 kWh
Cycle Life	> 3200 cycles
Usable SOC Window	100%
Operating Temperature	(-5) – (+40) °C
Self Discharge	2% per month
Round Trip DC Efficiency	>85% at C/20 rate
Voltage	28 – 56 V
Charge/Discharge Mode	CC, CP, CV, AC ripple tolerant

Features

Safety	inherently safe, non-toxic, non-flammable and non-explosive
High reliability	self balancing, minimal discharge, 100% DoD cycling with minimal degradation
Sustainable	environmentally friendly, recyclable
Cost Effectivite	extremely long cycle life, High roundtrip DC efficiency
Scaleable	a modular design allows for customization

Key benefits

- Increase system efficiency
- Enable integration of renewable sources
- Improve grid stability and reliability
- Increase energy security