TEECOO

European V1.0
Nov. 2026

High Voltage Battery System

Datasheet

9kWh





POWERFUL BY DESIGN

Reliable. Flexible. Powerful.

High-performance energy storage for
a more independent and sustainable home.

Peak Performance

314Ah high-capacity cells for long-term cycle life

Module-level DC/DC optimizer for independent and optimal performance

4.5kW robust output to power heavy household loads with ease during outages

100% usable capacity (100% DoD) for maximum return on investment

Unmatched Flexibility

Adaptive mix & match: seamlessly combine old and new modules without performance loss

Plug-and-play scalabiltiy: easily expand capacity from 6kWh to 54kWh

Unified ecosystem: optimized for seamless integration with TEECOO inverter solutions

Advanced Safety

Active fire suppression: built-in aerosol system and decompression valves

All-weather ready: intelligent self-heating for reliable charging in extreme cold

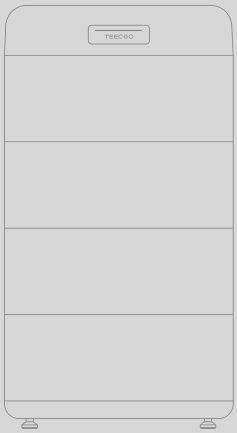
IP65 rated: dustproof and waterproof for versatile indoor/outdoor setup

Superior Experience

Quick & simple installation cable-free stacking withblind-mate connectors for error-free setup

intelligent sleep mode: ultra-low standby power to prevent battery drain

Real-time cell-level monitoring, status reporting, and remote O&M via the TEECOO monitoring platform.



BAT-9KWH

SYSTEM SPECIFICATIONS

Battery Chemistry	**LFP ($LiFePO_4$)**
Nominal Module Energy	**9.0 kWh**
Rated Energy	**9040 Wh**
Operating Voltage Range	**430-900 V**
Max.Charging/Discharging Power	**6750 W**
Rated Charging/Discharging Power	**4500 W**
Rated Capacity	**314 Ah**
Cycle Life	**8000 cycles**
Depth of Discharge	**100%**
System Expansion Quantity	**1-6 modules**

HIGH VOLTAGE BOX

Dimension (W x D x H)	**745×160×345 mm (±1.5 mm)**
Weight	**7kg (±0.5 kg)**
Operating Voltage Range	**350-900 V**
Max.Charging/Discharging Current	**40 A**
Communication	**CAN**
Display	**LED**

GENERAL DATA

Dimension (W x D x H)	**745×310×345 mm (±1.5 mm)**
Weight	**77.5kg (±1.0 kg)**
Ingress Protection	**IP65**
Mounting method	**Floor-standing, stackable**
System operating temperature range	**Charge:0-55˚C, Discharge:-20-50˚C**
Cooling Method	**Natural Converction**
Humidity	**5%~95% RH, Non-condensing**
Altitude	**≤ 3000 m**

TEECOO

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