



**MIKO ENERGY**



# **LARGE SCALE BESS**

**Industrial & Commercial  
Energy Storage**

**1.67 - 2.5 MW / 3.4 - 5 MWh**



# TECHNICAL SPECS

MODEL	3.34MWh	5.015MWh
Battery type	3.2V, 314 Ah	
Max. connection number	1P416S*8	1P416S*12
Total energy	3343.97kWh	5015.96kWh
Rated power (0.5P)	1672kW	2500kW
Voltage range (Battery)	1123.2~1497.6V	
<b>System</b>		
Dimension (W*D*H)	6058mm *2438mm*2896mm	
Weight	≤35T	≤50T
IP rating	IP54 (Pack IP67)	
Operating temperature	-20~50°C	
Humidity	0-95%RH (no condensation)	
Altitude	≤2000m (Standard) /≤5000m(Optional)	
Cooling method	Liquid cooling/50% ethylene glycol	
Fire safety configuration	Aerosol	
Corrosion resistance	C4	
Communication Interface	CAN/Ethernet	
Certificates	GB/T36276 - 2023	
Cycle Life	8000	



**UN38.3**

IEC61000 IEC62477  
IEC62619 IEC63056

This product sheet is as comprehensive and detailed as possible based on existing information. The company reserves the right to modify data, parameters and other information.

## High Integration

- Modular design, DC 1500V system.
- Electrical and battery separation design, easy maintenance.
- Non-walk-in/modular highly integrated design saves space.
- Prefabricated compartment installation solution reducing on-site installation cost and commissioning time.

## Long Lifespan

- Integrated efficient liquid cooling system.
- The temperature difference inside the container is <5°C.

## High Security

- Election of lithium iron phosphate cells with high thermal stability.
- IP54 protection rating, meeting the needs of outdoor applications
- C4 protection rating, 20-year reliability.
- Prevention based fire fighting strategy with independent fire fighting system.