



WEESS GmbH
Graf-Adolf-Straße 14, 40212 Düsseldorf
Tel: +49-211-6509-7777
Email: info-eu@weess.com

WEESS

BODENSEE 232

Containerized Energy Storage Solution
www.weess.com

WEESS GmbH
Graf-Adolf-Straße 14, 40212 Düsseldorf
Tel: +49-211-6509-7777
Email: info-eu@weess.com



232kWh All-in-one Cabinet Single Operation

[DATASHEET \(EN\)](#)

Designed For Effortless Combination and Relocation Meeting Evolving Energy Needs

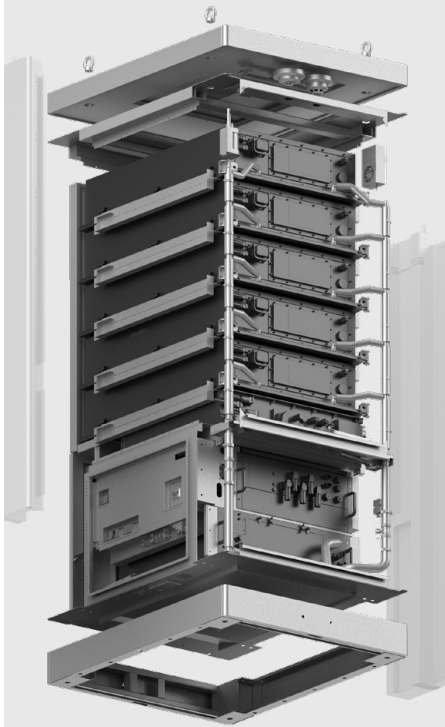
Flexible Configuration

10 sets* Grid-connected
5 sets* Off-grid

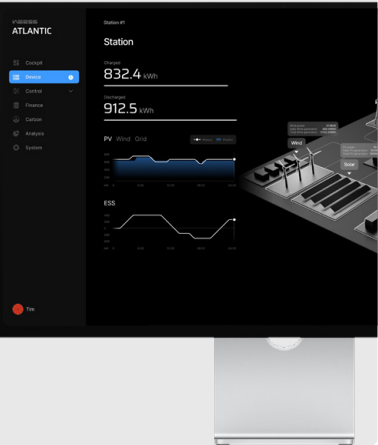


Safe and Reliable

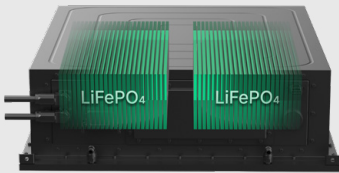
IP55* Protection



Cloud Connectivity



6000 Cycles



Flexible Transportation & Fast Installation



* BODENSEE 232 DATASHEET

Product Model	100kW232-1P-C01-EU	100kW232-3/4/5P-C01-EU	100kW232-8/9/10P-C01-EU
---------------	--------------------	------------------------	-------------------------

Battery Parameters

Cell Technology	LFP, 3.2 V (2.5-3.65 Vdc) 280 Ah		
Battery Configuration	1P260S		
Nominal Capacity	232 kWh		
Rated Voltage	832 Vdc		
Range of Voltage	650.0-949.0 Vdc		
Charging & Discharging Ratio	≤0.5 C		
DOD	95 %		
Communication Interfaces	RS485 / Ethernet / CAN		
Cooling System	Liquid Cooling		

PCS Parameters (Optional)

Rated Power	100 kW (Max:110 kVA)
THDi	≤3% (at rated power)
Rated Voltage	400 Vac, 3P3W+PE
Voltage Range	340-440 Vac
Rated Frequency	50 / 60 Hz
Power Factor	>0.99 (at rated power)
Power Factor Range	1 (leading) to 1 (lagging)
Cooling Type	Intelligent Air Cooling

System Parameters

Installation location	Outdoor Mounting
IP Grade	IP55
Relative Humidity	0~95 % (non-condensing)
Operation Temperature Range	-30 °C~+50 °C
Altitude	Up to 4000m (>2000m Derating)
Dimensions(W*D*H)	1050 × 1350 × 2400 mm
Weight	2300 kg
Fire Extinguisher System	Aerosol fire suppressor, gas detection, and fire host
Anti-corrosion level	C4
Communication Interface	Ethernet
Communication Protocol	Modbus TCP
Compliance	IEC61000, IEC60730, IEC62477, IEC63056, IEC62619, VDE4105/4110, UN38.3

Circuit Diagram

