



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

WEESS

NORDSØEN 4472

Containerized Energy Storage Solution
www.weess.com

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WE-S-4472-L280-B

DATASHEET (EN)



Containerized Energy Storage Solution

Flexible Charging and Discharging, Eco-friendly and Green

Patented Algorithm
for Safe Operation



Comprehensive
Security Design



Excellent Energy
Efficiency



Intelligent
Control System



Smooth Charging &
Discharging



Rapid Construction
through Prefabrication



*NORDSØEN 4472 DATASHEET

Container System Specification

Model	WE-S-4472-L280-B
Rated Energy	4472 kWh
Rated Voltage	1331.2 V
Combination Mode	12P416S
Charging and Discharging Mode	0.5 P
Operating Temperature Range	-20°C to 50°C
Dimensions (H*W*D)	6058 × 2438 × 2896 mm
Weight	~42 tons
Communication Interface	RS485 / Ethernet / Fiber optional
Communication Protocol	Modbus RTU / Modbus TCP / IEC60870-5-104 / OPC-UA
Cooling Concept	Liquid Cooling
IP Rating	IP54
Humidity	< 95%, no condensation
Altitude	>2000m derating
Standards	IEC63056,IEC62477,IEC61000, IEC62619,IEC60730,UN38.3

Battery Rack Specification

Model	WE-R-372-L280-B
Rated Energy	372 kWh
Rated Voltage	1331.2 V
Combination Mode	1P416S
Recommended Charging and Discharging Current	0.5 P
Communication	CAN
Cooling Concept	Liquid Cooling
Humidity	<95 %, no condensation
Altitude	>2000 m derating

Lithium-ion Pack Specification

Model	WE-P-46-L280-B
Rated Energy	46 kWh
Rated Voltage	166.4 V
Combination Mode	1P52S
Recommended Charging and Discharging Current	0.5 P
Cooling Concept	Liquid Cooling
IP Rating	IP67
Humidity	<95 %, no condensation
Altitude	>2000 m derating