



ENERGRID N3

Liquid Cooling Battery Container



Modular design for convenient maintenance



High voltage and large capacity for higher efficiency



Lower auxiliary power bring lower LCOS



State-of-the-art FFS meeting international standards

Technical Parameters

ENERGRID N3						
No.	Type	Data				Note
1	Rated Voltage	1160~1460V				416S
2	Rated Capacity	5.01MWh	4.59MWh	4.17MWh	2.92MWh	12P/11P/10P/7P
3	Rated Power	≤2.50MW	≤2.29MW	≤2.08MW	≤1.46MW	≤0.5P
4	Max Current	2155A	1975A	1795A	1257A	
5	Weight	≈42t	≈39t	≈35t	≈30t	
6	Skeleton Size	6058*2438*2896 mm				20HC
7	DC Output	1 Loop				
8	Temp.Control	Liquid Cooling & Heating				50% Glycol
9	Fire Fighting	FK5112 \ Aerosol				
10	Protection	IP 54				
11	Antiseptic	C3\C4\C5				
12	Altitude	≤3000m				
13	Operating Temp.	-30℃~55℃ [1]				
14	Auxiliary Power	<43kW				380Vac
15	Efficiency	≥93%				
16	Communication	CAN\Ethernet\Dry Contact				
17	Color	RAL7035				
18	Noise	≤80dB				
19	Seismic Fortification	8 Level				
Compliance						
No.	Type	Data				Note
1	UL	UL1973\UL9540\UL9540A				
2	IEC	IEC62619\IEC63056\IEC62477\IEC61000				
3	UN	UN38.3\UN3536				

Note:
[1]:Power derating is performed when the ambient temperature is below -15℃ or above 45℃.