

CONTAINER ENERGY STORAGE

Model: ESS-3355kWh/5016kWh

OSPOWER
Manufacture by Highstar

Container Energy Storage

ESS-3355kWh/5016kWh



Safety

- ◆ Integrated intelligent liquid cooling system,
- ◆ temperature difference of the cells inside the cluster $\leq 3^{\circ}\text{C}$.
- ◆ High standard electrical protection design,
- ◆ Three-level fire protection system + water fire protection, explosion-proof design.



Flexibility

- ◆ The use of non-walk-in standard cabinets reduces the floor space by 20%.
- ◆ The adoption of prefabricated cabin form can enable rapid installation.



Intelligent

- ◆ Intelligent equalization strategy to ensure the consistency of the whole life cycle of the battery.
- ◆ The intelligent operation and maintenance system automatically performs remote operation and maintenance tasks based on security assessments

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Product Specification

System Parameter		
Specification	HSD-ESS-3355kWh	HSD-ESS-5016kWh
Rated Voltage	1331.2V	1331.2V
Cell Capacity	280Ah	314Ah
Rated Energy	3355kWh	5016kWh
Charge / Discharge Rate	0.5P/0.5P	0.5P/0.5P
Composition	9P416S	12P416S
Pack Specification	1P52S	1P104S
Dimension(W*D*H)	6058×2900×3000mm	6058×2438×2896mm
Weight	34000Kg	45000Kg
Operating Temp.Range	-20 ~55°C	-20 ~55°C
Operating Humidity Range	0~95% (non-condensing)	0~95% (non-condensing)
Protection Level	IP54	IP54
Cooling Methods	Liquid cooling	Liquid cooling

Manufacture reserve the right to alter or amend the design,model and specification without prior notice