## HANERSUN



# **HNESS SERIES**

**Utility** Storage System

**Energy Storage Compartment:** 

BMS / Battery / Liquid Temperature Control / Fire Protection System

### **PRODUCT ADVANTAGES**



#### **Optimal Safety and Reliability**

Full life-cycle cell state monitoring + cell-level thermal isolation with sequential melting fuses.

Coordinated protection with proactive cell health monitoring + three-level fire protection.



#### Superior Efficient and Versatility

Intelligent liquid-cooled temperature control for long system life, with low auxiliary power consumption.

Stackable design, adaptable to various types of PCS.



#### **High Energy Density**

Modular design for a rational layout and easy maintenance.

20-foot standard container, high energy density, convenient for loading, unloading, transportation, and installation.



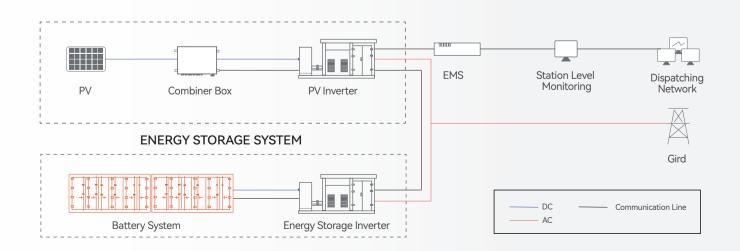
#### Intelligent O&M

All-in-one integration.

Extremely low-frequency fluid injection.

User-friendly cloud monitoring for easy operation.

#### **TOPOLOGY STRUCTURE**



## PRODUCT PARAMETER

MODEL	HNESS 3420-20H	HNESS 5000-20H(Customizable)
Specification		
Cell Capacity	LFP 300Ah	LFP 314Ah
Rated Capacity	3421.4kWh	5015.96kWh
Rated Voltage	1267V	1331.2V
Recommend. Voltage Range	1108.8V-1425.6V	1164.8V~1500.0V
Max.charge /discharge Rate	0.5P@25℃	0.5P@25°C
Power	1710.7kW	2507.98kW
Environment		
Working Temperature Range	-30~45°C	-20~+55°C
Working Humidity Range	0-95 %, RH	0%-95%, RH
Ingress Protection	IP54	IP54
Cooling	Liquid	Liquid
Fire Control System	Heptafluoropropane / Perfluorohexanone	Aerosol + water spray
Altitude	< 3000m	≤2000m
Cycle times	≥6000@25°C	≥6000@25°C
Standards		
Safety IEC62619、IEC62477、IEC61000、IEC60730、IEC62933、GB/T 36276		1
Transport	UN38.3	1
Communication	CAN、RS485、Ethernet	Ethernet/RS485/CAN
Structure		
Size (W*D*H)	6058mm*2438mm*2896mm	6058*2438*2896mm
Weight	≈ 37t	≈ 43t

WARRANTY

**5 YEARS** 

≥ 6000 CYCLES



Tel: +86-25-52791766

Email: sales@hanersun.com

Website: www.hanersun.com