

## SESS20-3834 Liquid Cooled Container ESS

Sacred Sun SESS20-3834 Liquid-cooled energy storage container is a lithium iron phosphate battery unit provided for the field of energy storage systems. The system can be applied in fields such as large-scale energy storage.



### Advantage

**More secure:** module level proactive and precise fire protection, ultimate safety

**Long lifespan:** Large capacity and long-life battery cells, active balancing management, intelligent liquid cooling temperature control system, internal temperature difference  $< 5^{\circ}\text{C}$

**More flexible:** modular design, flexible and adjustable capacity and configuration, high weather resistance design

**Smart and efficient:** Real time remote intelligent monitoring, precise perception, cloud edge collaboration, improving the full lifecycle revenue of power plants

## Technical Parameter

| Product model                        | SESS20-3834   |
|--------------------------------------|---|
| Cell                                 | LFP-320Ah   |
| Battery Module                       | SHSIFP166320A   |
| Grouping method                      | 9*1P416S  |
| Nominal energy                       | 3834kWh   |
| Nominal voltage                      | 1331.2V   |
| Voltage range                        | 1164.8~1497.6V  |
| Rated charging and discharging rate  | 0.5P  |
| Permissible ambient temperature (°C) | -15~50°C  |
| Cooling method                       | Liquid cooled   |
| fire protection                      | PACK level active fire protection+water fire protection |
| communication interface              | CAN,RS485,Ethernet                                      |
| Communication protocol               | CAN,Modbus RTU,Modbus TCP/IP                            |
| Weight (t)                           | about 36T   |
| Size (W x D x H) mm                  | 6058×2438×2896  |
| Protection level                     | IP55  |
| authentication                       | GB/T36276, GB/T34131, UN38.3, IEC62619                  |

\*Products specifications described herein are subject to change without prior notification.