

## SESS20-5111 Liquid Cooled Container ESS

Sacred Sun SESS20-5111 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	SESS20-5111
Cell	LFP-320Ah
Battery Module	SHSIFP166320A
Grouping method	12*1P416S
Nominal energy	5111kWh
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 45T
Size (W x D x H) mm	6258×2438×2896
Protection level	IP55
authentication	GB/T36276, GB/T34131, UN38.3, IEC62619

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