

SESS20-3354 Liquid Cooled Container ESS

Sacred Sun SESS20-3354 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

Safe and reliable: IP67 rating battery pack , featuring module level active fire protection solutions, precise fire protection, and ultimate safety

High integration: Non walk-in design, 1500V system integrates battery, fire protection, and temperature control

Flexible installation: modular design, prefabricated cabin installation scheme

Smart and efficient: real-time status monitoring, liquid cooling temperature control system, internal temperature difference <math>< 5^{\circ}\text{C}</math>



Technical Parameter

Product model	SESS20-3354
Cell	LFP-280Ah
Battery Module	SHSIFP166280A
Grouping method	9*1P416S
Nominal energy	3354kWh
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 34T
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.