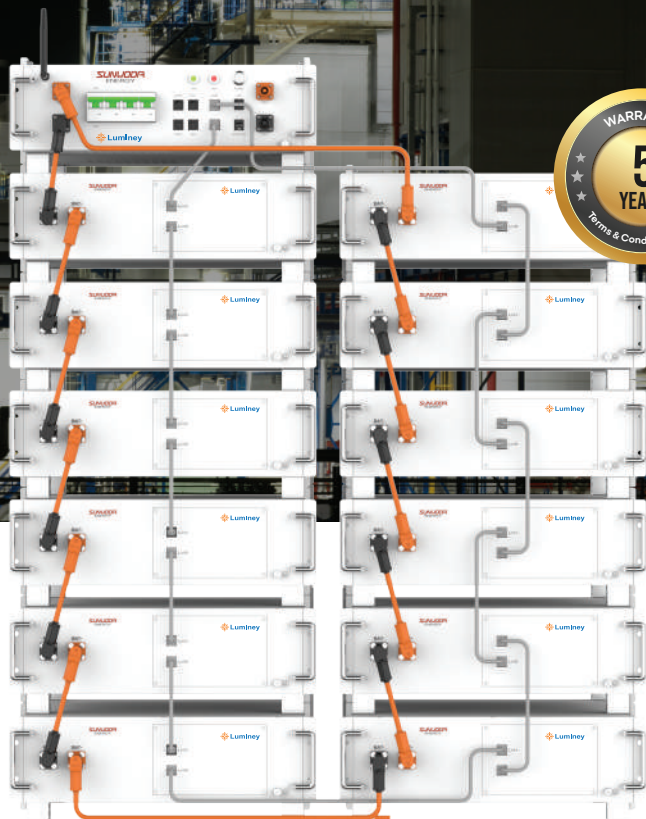




Oasis Flex

HV 25 – 60 kWh, IP20



Real Time Monitoring,
Remote Maintenance
and Upgrades



Strong Scalability, Simple
and Convenient Expansion
on DC Sides



Deploy with Large
Space Utilization



Unique Modular
Design and Flexible
Function Configuration



Easy to Install



Max 1C Designed
Batteries In HV



ELECTRICAL CHARACTERISTICS

Model	CIESS25-R-S	CIESS30-R-S	CIESS35-R-S	CIESS40-R-S	CIESS45-R-S	CIESS50-R-S	CIESS55-R-S	CIESS60-R-S
Number of Battery Packs	5	6	7	8	9	10	11	12
Rated Voltage	256V	307.2V	358.4V	409.6V	460.8V	512V	563.2V	614.4V
Rated Energy	25kWh	30kWh	35kWh	40kWh	45kWh	50kWh	55kWh	60kWh
Max./Rated C-rate	1CP/0.5CP	1CP/0.5CP	1CP/0.5CP	1CP/0.5CP	1CP/0.5CP	1CP/0.5CP	1CP/0.5CP	1CP/0.5CP
Weight	248kg	294kg	340kg	386kg	432kg	478kg	524kg	570kg
Dimension (W*D*H, mm)	480*410*1040	480*410*1210	1180*410*700	1180*410*870	1180*410*870	1180*410*1040	1180*410*1040	1180*410*1210
Life Cycle	6000 Times (25℃, 0.5C/0.5C, 90% DOD, EOL60%)							
Communication	CAN/RS485/Wi-Fi/ETH							
Expansion	Support in parallel up to 6 clusters							
Enclosure Protection Rating	IP20							
Cooling	Natural Cooling							
Expansion	Support in parallel up to 6 clusters							
Ambient Temperature	Charge: 0℃ to 50℃, Discharge: -20℃ to 55℃							
Humidity	10%~95%RH							
Altitude	< 2000m							
Certifications	UN38.3/CE/IEC62619/IEC62477							
Warranty	5 Years*							
Inverter	Refer to Inverter Compatibility List by Luminey							
*DC Usable Energy, Test Conditions: 100% DOD, 0.2C Charge & Discharge at 25℃.								
* Charge/Discharge Derating Occurs When the Operating Temperature from -10℃ to 5℃.								
* According to the Market-general Inverter Selection, the Maximum Supported Capacity of a Single Set Can Reach 70kWh								

MODULE PARAMETER

Module Rated voltage	51.2V
Module Energy	5kWh
Dimensions (W*H*D)	443*135*410mm
Module Weight	43.3kg
Warranty	5 years*

Note: Product specifications are subject to change without further notice.

PROTECTIONS

Short circuit protection	Yes
Over current protection	Yes
Over charge protection	Yes
Over discharge protection	Yes
Over voltage protection	Yes
Under voltage protection	Yes
Over temperature protection	Yes

