



SUNPOWER
RENEWABLES

SRESS 125KW-261E

ENERGY STORAGE SYSTEM (OUTDOOR)



Malls



Educational
Facilities



Petrol
Pumps



Residential
Homes



Offices



Factories



Hotels



Mining



Ports



SRESS cabinet integrates energy storage battery, modular PCS, energy management monitoring system, power distribution system, environmental control system and fire control system.

The modular design of PCS is helped to convenient maintenance and capacity expand, and front-access maintenance is feasible to reduce the occupied area and maintenance channels, which is featured with safety and reliability, rapid deployment, competitive cost, premium efficiency and intelligent management.

Flexible parallel functions

With patent technology of VSG features and functions, can realize the functions of multiple equipment remotely parallel and on/off grid switching without communication lines.

Excellent protection

Patent outdoor cabinet protection design, optimizing heat dissipation and air ventilation, prevent dust and rain, Front, back and two sides with door for maintenance, easy to make multiple sets of systems side by side deployment on site, saving the floor space.

Intelligent management

Local monitoring screen can realize various functions such as system operation monitoring, energy management formulation and remote software upgrade of equipment.

Various functions

Standardized structure design, menu function configuration, solar charging module (DC-DC), and on/off grid switching module, isolation transformer and other components can be selected flexibly and efficiently under micro-grid and other applications.

Model	
Battery	
Rated battery storage capacity	261 kWh
Rated system voltage	832V
Battery voltage range	728V~936V
Battery type	Li-ion(LFP)
Battery Cell capacity	314Ah
Series and parallel mode of battery	1P*20S*13S
Max. charge and discharge current	152
PV	
Max. PV input voltage	1000V
Max. PV power	110kW
MPPT voltage range	200~650V
MPPT voltage range full load	312~650V
AC	
Rated AC power	125 kW
Rated AC current	180A
Rated AC voltage	400V, 3W+N+PE/3W+PE
Rated frequency	50/60Hz
THDI	<3%(rated power)
PF	-1 leading to +1 lagging
General Data	
Enclosure protection rating	IP54
Protection class	I
Isolation mode	Non-Isolation (Adding isolation transformer is optional)
Humidity	0~95% (No condensing)
Noise	<75dB
Operating temperature	-25~60°C(Deratingabove 45°C)
Cooling	Intelligent air cooling
Altitude	3000m(>3000m derating)
Communication interface	RS485/ CAN 2.0/ Ethernet/dry contact

Sunpower Renewables Pty. Ltd., is an Australian renewable energy solutions company. Our modern, efficient, and smart solar energy products are cost-effective, long-lasting & and environment-friendly with best-in-class technology. From commercial, and residential to off-grid applications, our products are designed to offer energy independence anytime, anywhere.

Visit our website www.srportables.com for more information or contact our technical team on Tel. 9315964687



Good Design Award Gold



Governor of Victoria Export Award for Sustainability



Best Social Impact Innovation at Finder Awards



Sustainability and Green Economy Award 2023



GOVEA Victorian Exporter of the Year



AFR BOSS Best Place to Work Award



59th Australian Export and Investment Award



Financial Review Most Innovative Company



GOVEA Resource and Energy Award 2025