



SUNPOWER  
RENEWABLES

# Outdoor Liquid Cooled On-grid ESS Cabinet

SPROLCOG105KW  
SPROLCOG125KW



## High-efficiency lithium iron phosphate (LFP) battery



280Ah large-capacity cells, with an 8000-cycle long lifespan, ensuring a durable and stable power supply.

## Intelligent air cooling system



Effectively reduces battery temperature, enhancing battery performance and lifespan.

## Compact Energy Storage Equipment



Requires minimal space, easy to deploy, and suitable for various spatial environments.



Model	SPROLCOG105KW	SPROLCOG125KW
<b>DC side</b>		
Battery rated capacity	233kWh	261kWh
Battery rated voltage	832V	
Battery voltage range	780V - 936V	
Battery type	LFP	
Cell capacity	280Ah	314Ah
Battery life cycle	8000 cycles (0.5P, 5%~95%DOD, 70%SOH)	
Standard charge/discharge rate	0.5P	
Pack Configuration	1P260S	
Module Cooling Method	Liquid-cooling	
<b>AC side</b>		
Rated AC power	105kW	125kW
Maximum power	116kW	138kW
Maximum current	167A	200A
Rated AC voltage	400V	
Voltage range	±15%	
Output wiring	3P/N	
Rated AC frequency	50/60Hz	
Current harmonic distortion THDI	< 3% (rated power )	
Power factor	≥0.99/-1~1	
Overload capacity	110%	
Maximum efficiency	98.5%	
PCS Cooling Method	Air-cooling	
<b>System Parameter</b>		
Energy cycle efficiency	≥90%	
Protection rating	IP54	
Corrosion resistance rating	C3, (C4/C5 optional)	
Fire protection	Aerosol/Perfluoro (Optional)	
Isolation method	Non-isolation (transformer optional)	
Relative humidity	0~95% (no condensation)	
Ambient temperature	-30°C~55°C (≥45°C derating )	
Altitude	<3000m (≥2000m derating)	
BMS communication	CAN2.0b	
EMS communication	4G/CAN/RS485	
Dimension (W*D*H)	1050 * 1330 * 2400	
Weight	2.4t	2.5t
Annual degradation rate	<3%	
Warranty	5 years	

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](http://www.srportables.com) for more information or contact our technical team on Tel. 9315964687

