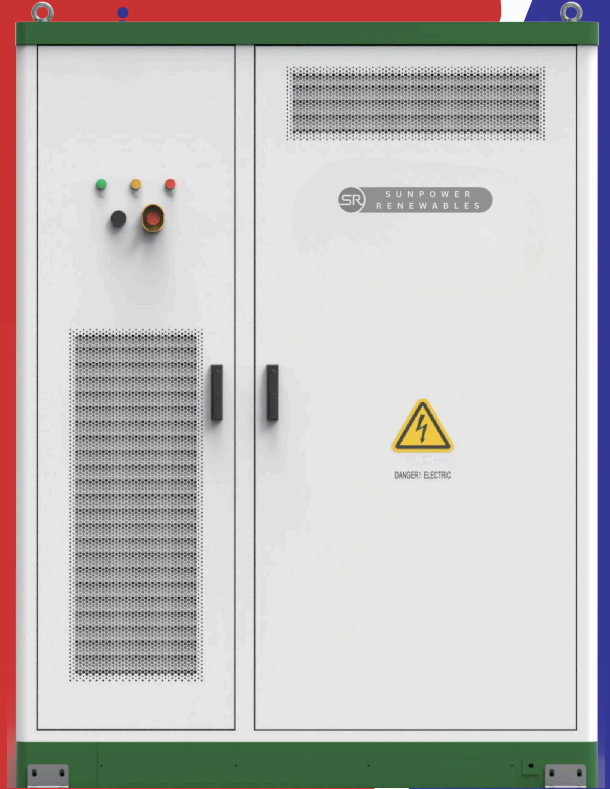




SUNPOWER
RENEWABLES

Outdoor Liquid Cooled ON-GRID ESS Cabinet

SPROLC215KW



High-efficiency lithium iron phosphate (LFP) battery



314Ah large-capacity cells, with an 8000-cycle long lifespan, ensuring a durable and stable power supply

Advanced liquid cooling system



Effectively reduces the temperature of the battery, enhancing its performance and lifespan.

Compact Energy Storage Equipment



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

Model	SPROLC215KW
DC side	
Battery rated capacity	418kWh
Battery rated voltage	1331.2V
Battery voltage range	1164.8V - 1497.6V
Battery type	LFP
Cell capacity	314Ah
Battery life cycle	8000 cycles (0.5P, 5%~95%DOD, 70%SOH)
Standard charge/discharge rate	0.5P
Pack Configuration	1P416S
Module Cooling Method	Liquid-cooling
AC side	
Rated AC power	215kW
Maximum power	237kW
Rated AC voltage	690V
Voltage range	-15%~10%
Output wiring	3P
Rated AC frequency	50/60Hz
Current harmonic distortion THDI	< 3% (rated power)
Power factor	≥0.99/-1~1
Overload capacity	110%
Maximum efficiency	99%
PCS Cooling Method	Air-cooling
System Parameter	
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)	1300 *1350 *2350 mm
Weight	4.5t
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 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