

SR PORTABLES



# 3 PHASE HYPERION OFF - GRID ENERGY STORAGE SYSTEM



Defense



Outdoors



Medical



Disaster Management



Off-grid Market



Agriculture



Maintenance



EV Charging

**15KW**  
AC INVERTER

**5.12KWH**  
STACKABLE BATTERY

**100%**  
SURGE CAPACITY

**18KW**  
SOLAR INPUT

**6000+**  
CYCLE LIFE



\*WITH BUILT IN FIRE SUPPRESSION

# Technical Specifications

Battery		
Rated voltage	51.2V	
Voltage range	45~57.6V	
Capacity	5.12kWh*N(N=2~8)	
Max. discharge rate	1C	
Max. charge rate	1C	
Battery type	Li-ion (LFP)	
AC Output (Backup)		
Rated power	10000W	15000W
Surge power	20000W	30000W
Output voltage	220/380Vac±3%	220/380Vac±3%
	230/400Vac±3%	230/400Vac±3%
	240/415Vac±3%	240/415Vac±3%
Output current	15.2A/phase	22.7A/phase
Rated frequency	50/60Hz	50/60Hz
THDv	< 3%	< 3%
Output wave	Pure Sine Wave	Pure Sine Wave
Output type	Terminal	Terminal
AC Input		
AC input voltage range	170~280Vac/phase	170~280Vac/phase
AC input frequency	50/60Hz	50/60Hz
AC charge current (Battery)	30A(0~60A) Adjustable	30A(0~80A) Adjustable
PV Input		
Max. PV power (Recommended)	4500W/4500W/4500W	6000W/6000W/6000W
Max. PV voltage	450V	450V
MPPT voltage range	120~430V	120~430V
Max PV charge current (Battery)	80A/80A/80A	100A/100A/100A
General Data		
Range of working temperature	Charge: 0°C~50°C/Discharge: -10°C~50°C	
Optimal working temperature range	20°C~30°C	
Storage temperature	-15°C~60°C	
Humidity	5%~95%	
Cooling strategy	Fan	
Weight	Depend on the configuration	
Dimension [W x H x D]	620*365*369mm+620*365*139mm*N	
Enclosure protection rating	IP20	
Communication	Wi-Fi/RS485	



SR Portables 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 +61 3 8618 6984