

SR PORTABLES



# HELIOS 5KW

Large Capacity Standalone Portable  
Solar Power Solutions



Defense



Outdoors



Medical



Disaster  
Management



Off-grid  
Market



Agriculture



Maintenance



EV Charging

**5120Wh**  
STORAGE CAPACITY

**5000W**  
PURE SINE WAVE OUTPUT

**10000W**  
SURGE OUTPUT

**4500W**  
SOLAR INPUT

**4000+**  
CYCLE LIFE



FC C E



# Technical Specifications

MODEL		HELIOS 5
BATTERY	Nominal Voltage	51.2V
	Voltage Range	44.8-57.6V
	Capacity	5120Wh
	Max. discharge rate	1C
	Max. charge rate	1C
	Battery Type	Li-ion (LFP)
	Rated Power	5000W
AC OUTPUT	Surge Power	10000W, 5s
	Output Voltage	220/230/240V ac
	Output Current	22.7A
	Rated Frequency	50/60Hz
	THDv	< 3 %
	Output Wave	Pure Sine Wave
	Output Type	Multi-purpose AC Outlet x2; 48V DC Outlet x1
AC INPUT	AC Input Voltage Range	170-280V ac
	AC Input Frequency	50/60Hz
	AC Charge Current (Battery)	30A (0-60A Adjustable)
PV INPUT	Max. PV Power (Connected)	4500W
	Max PV Absorbtion	3450W
	Max. PV Voltage	150V
	MPPT Range	60V-115V
	Max PV Charge Current	30A
OPERATING CONDITION	Operating Temperature	0-55°C
	Storage Temperature	-15°C-60°C
	Humidity	5%-95%
	Weight	68 KG
	Dimension [W x H x D]	510 x 528.5 x 270mm



Financial Review  
Most Innovative  
Company



Good Design  
Award Gold



59th Australian  
Export and  
Investment  
Award



Governor of  
Victoria Export  
Award for  
Sustainability



AFR BOSS  
Best Place to  
Work Award



Best Social  
Impact  
Innovation at  
Finder Awards



Victorian  
Exporter of  
the Year  
2023



Sustainability  
and Green  
Economy  
Award 2023

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