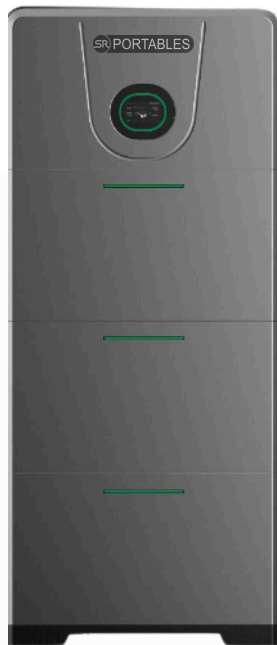


SR PORTABLES

# THOR

## ENERGY STORAGE SYSTEM

### 5KW | 8KW

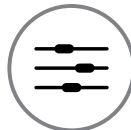


BATTERY of 51.2V

- STACKABLE UP TO 8 BATTERIES



#### Leading Technology



- MAX. 14A PV INPUT CURRENT PER STRING
- 97.6% MAX. EFFICIENCY

#### Easy Installation



- MODULAR ALL IN ONE DESIGN, QUICK INSTALLATION WITH PLUG&PLAY
- FLEXIBLE BATTERY CAPACITY EXPANSION, 5~40KWH

#### High Reliability



- IP 65 RATING, INDOOR AND OUTDOOR INSTALLATION
- LIFEPO4 BATTERY CELL, SAFETY AND RELIABLE

#### User-Friendly



- REAL-TIME MONITORING AND PARAMETER CONTROL THROUGH APP
- IDEAL FOR RESIDENTIAL APPLICATION WITH LOW OPERATING NOISE

## THOR- 5KW and 8KW

Model	THOR 5KW	THOR 8KW
Inverter		
Rated battery voltage	51.2V	
Max. Charging Power	5000W	8000W
Max. charge/discharge current	100/100A	160/160A
Max. PV input power	7500W	12000W
Max. PV voltage	550V	
Start-up voltage	120V	
Rated DC voltage	360V	
MPPT voltage range	80~500V	
No. of MPP trackers	2	
No. of string per MPP tracker	1/1	2/1
Max input current	14/14A	30/15A
Rated output power for on-grid and off-grid	5000W	8000W
Rated output current	21.7A	35A
Max. output curren t	21.7A	38.3A
Rated output voltage	L/N/PE, 220V, 230V	
Rated frequency	50/60Hz	
THDv	< 3%	
Overload ability	110%, 60s /120%, 30s /150%, 10s	
Switch time	<20ms	
Inverter topology	Non-isolated	
Max. efficiency	97.60%	
Euro efficiency	97.00%	
Max. battery charge/discharge efficiency	95.00%	
Weight	34kg	
Dimension [W x D x H]	675*200*415mm	
Battery module		
Battery type	Li-ion (LFP)	
Rated battery voltage	51.2V	
Battery voltage range	44.8~57.6V	
Capacity	5.12kWh	
Weight	53.6kg	
Dimension [W x D x H]	675*200*365mm	
System Parameters		
Rated output power	3000~8000W	
Number of battery	Stackable up to 8 Batteries	
Battery capacity	5.12kWh	
Operating temperature	0℃~50℃ (Charging) / -15℃~50℃ (Discharging)	
Noise	<35dB	
Humidity	0~95%	
Cooling strategy	Natural	
Enclosure protection rating	IP65	
Communication	RS485 / Optional: WiFi	
Operating altitude	<2000m	
Weight	178kg/201kg	232kg/255kg
Dimension [W*D*H, mm]	675*200*1350 675*200*1570	675*200*1715 675*200*1935
Certificate		
EMC	EN61000	
Safety	IEC62109-1, IEC62109-2	
Grid	EN50549-1 VDE-AR-N-4105 CEI 0-21 AS/NZS 4777	



Residential Homes



Offices



Factories



Malls



Educational Facilities



Petrol Pumps



Hotels



Mining



Ports

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.

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Victoria Export  
Award for  
Sustainability



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Finder Awards



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Economy  
Award 2023



Victorian  
Exporter of  
the Year  
2023



AFR BOSS  
Best Place to  
Work Award



59th Australian  
Export and  
Investment  
Award



Financial Review  
Most Innovative  
Company