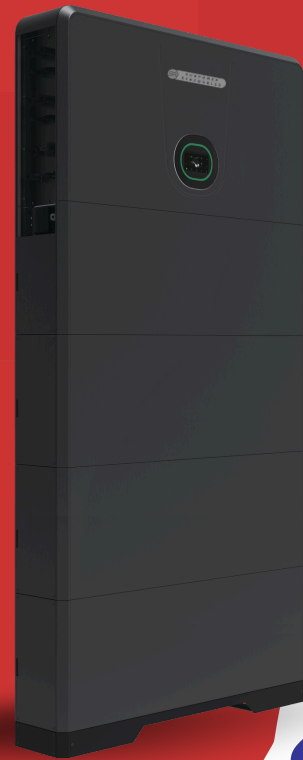




SUNPOWER
RENEWABLES



THOR SERIES

SINGLE PHASE ALL-IN-ONE ESS



Malls



Educational
Facilities



Petrol
Pumps



Residential
Homes



Offices



Factories



Hotels



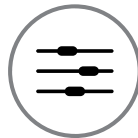
Mining



Ports



High Reliability



- INTELLIGENT LOAD MANAGEMENT (SUCH AS HEAT PUMPS, DIESEL GENERATORS)
- 2 INDEPENDENT MPPT'S DESIGN TO ENHANCE SYSTEM POWER GENERATION EFFICIENCY

Leading Technology



- 5.12~40.96KWH BATTERIES ARE STACKED IN MODULES
- MAX 16A PV INPUT CURRENT PER STRING
- SUPPORT 110% SINGLE-PHASE UNBALANCED LOAD OUTPUT
- SUPPORT REMOTE SOFTWARE UPGRADE(OTA)

User-Friendly



- TOUCH SCREEN DESIGN FOR EASIER OPERATION
- MODULAR DESIGN, WIRE FREE INSTALLATION

Technical Specifications

Model	3KS	5KS	8KS
Inverter			
Rated battery voltage	51.2V	51.2V	51.2V
Max. charging power	3000W	5000W	8000W
Max. charge/discharge current	60/60A	100/100A	160/160A
Max. input power	4500W	7500W	12000W
Max. PV voltage	550V		
Start-up voltage	100V		
Rated DC voltage	360V		
MPPT voltage range	80~500V		
No. of MPPT trackers	2		
No. of string per MPP tracker	1/1	1/1	1/2
Input current	14/14A	14/14A	14/28A
Max. input current	16/16A	16/16A	16/32A
Rated output power for on-grid and off-grid	3000W	5000W	8000W
Rated output current	13A	21.7A	35A
Max. output current	14.3A	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	97.6%		
Euro efficiency	97.0%		
Max. battery charge/discharge efficiency	95.0%		
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		
General Data			
Class protection	IP65		
Warranty	10 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