

NEW

SEA SS SERIES OF HARDWORKING INVERTERS



3kW, 4kW & 4.6kW

The Solar Energy Australia SS series provides a flexible, modern inverter solution for domestic net-metered installations in Australia & New Zealand. Economically priced, the SS range features very high conversion efficiency without sacrificing reliability.

At the same time, end users can have confidence in the inverters as they are backed by established manufacturer S.E.A. The Australian based S.E.A. service centre has been supporting our range of inverters for nearly two decades.

The compact form factor of the SS series makes for easy outdoor installations, whilst the user-friendly icon based graphic display provides end users with an easy quick overview of system performance.

This means home owners don't have to contact installers to understand how to access basic information.

CERTIFICATES:

AS4777.2, AS4777.3, AS/NZ23100, CS SAA111811
SUITABLE FOR ERGON AND SP AUSNET AREAS.

HIGH EFFICIENCY – WITH RAPID RESPONSE TO CHANGING CONDITIONS

- Maximum Efficiency up to 97.8%
- European Efficiency up to 97.4%
- MPPT Efficiency over 99.5%

SAFETY AND RELIABILITY

- True IP65 unit with low noise & THDi less than 1%
- 45°C full-load output – with linear de-rating from 45 degrees to 60°C ambient
- Backed up by established & long standing service centre in Australia
- External AS5033 compliant alarm from January 2013

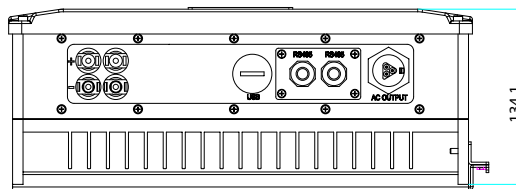
EASY OPERATION

- Super large 4" LCD icon based display
- Plug and play communication interface
- USB cable included.

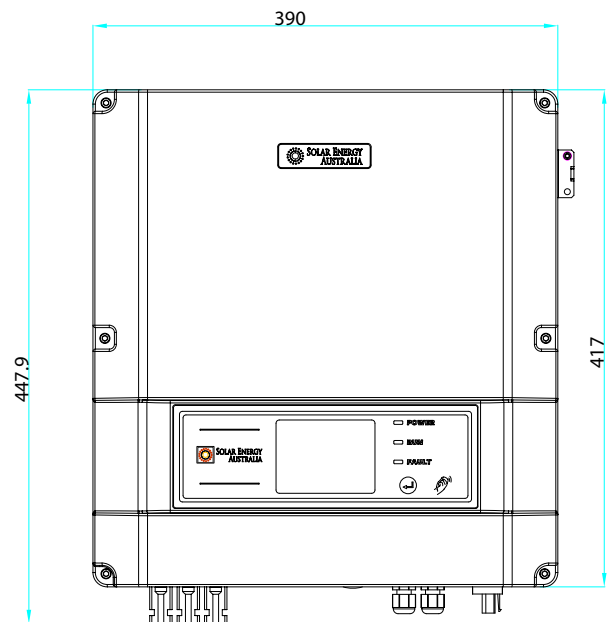
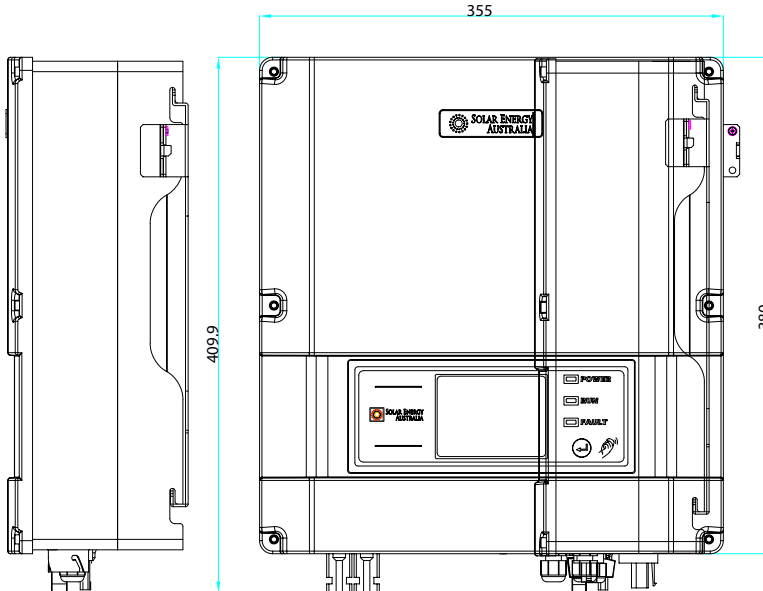
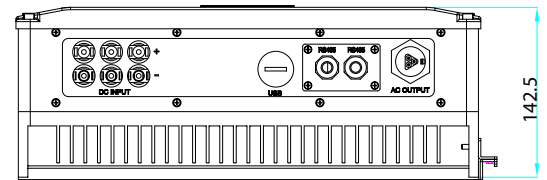


	SEA 3000SS	SEA 4000SS	SEA 4600SS
Max PV Power [W DC]	3200	4600	5400
Max DC voltage [V]	500	580	580
MPPT Voltage range [V]	125~450	125~550	125~550
Max efficiency	97%	97.8%	97.8%
Nominal AC Power / Max [W]	3000 / 3000	4000 / 4400	4600 / 5000
Connections	AC: Wieland DC: Amphenol MC4 compatible; 2 input + cable supplied		
Safety	Integrated Leakage Current Monitoring; AFD Islanding protection; AS4777 compliant		
MPPT Trackers & Phases	Single Tracker / Single Phase		
Dimensions [mm]	330 x 350 x 125	390 x 417 x 142	390 x 417 x 142
Weight	13kg	18kg	18kg
Topology / Cooling	Transformerless Passive / Naturally Cooled		
Temperature	-20~60°C (up TO 45°C before linear derating)		
Relative Humidity	0 ~ 95% non condensing		

**SEA 3000SS
MECHANICAL OUTLINE**



**SEA 4600SS
MECHANICAL OUTLINE**



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