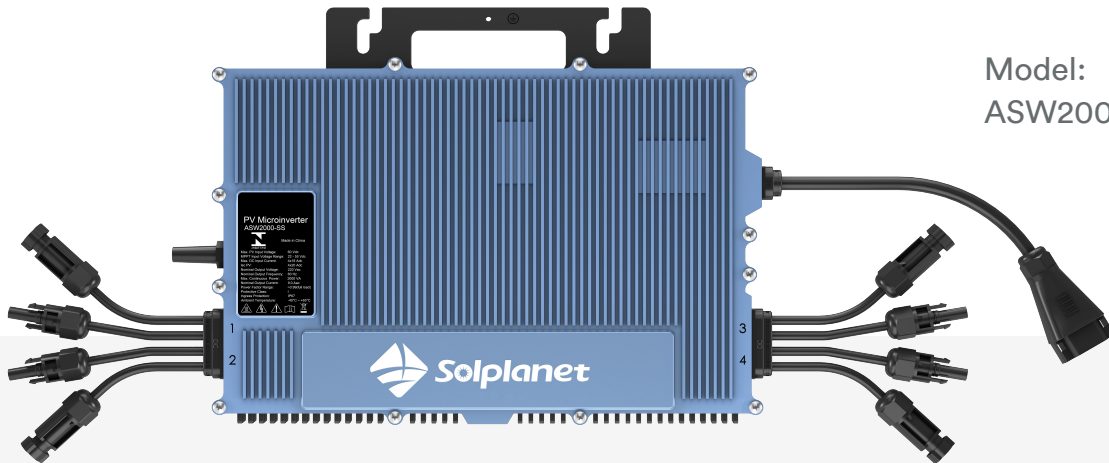


Single phase micro-inverter 2000W

# ASW SS Series



Model:  
ASW2000-SS



## Easy-to-install

- Easy installation with Engage Cable, just plug and play
- Quick setup and commissioning with Solplanet apps
- Small size, light weight, easy to install



## Reliable

- Support 150% DC ratio
- Module-level monitoring, more convenient for daily operation and maintenance of the system
- 24V start-up voltage
- IP67 rated design for outdoor use
- Safety protection relay integrated



## User-friendly

- 4 input channels, 18 A input current, compatible with high-power modules
- Support Zero Power Control
- Minimizes impact of shading, dust, and debris, higher power generation
- Solving the fire problem caused by high voltage DC arc drawing

# Technical Datasheet

ASW2000-SS

Input Data (DC)	Recommended PV Module Power Range (STC)	250 to 750+
	Maximum Input Voltage	60V
	Voltage Range Per input Channel	22V-55V
	Startup Voltage	24V
	Maximum Input Current	4*18A
	Isc PV	4*20A
	Number of PV Channels	4
Output Data (AC)	Grid Type	L/N/PE
	Maximum Continuous Output Power	2000W
	Nominal Output Voltage	220V
	Nominal Output Voltage Range	176-264V
	Nominal Output Current	9.1A
	Nominal Output Frequency	60Hz / Configurable
	Adjustable Output Frequency Range	55Hz-65Hz
	Power Factor(Default/Adjustable)	>0.99(at rated power)
	THDi@Rated Power	<3%
	Overvoltage Protection Category	III
Efficiency & Protection	Peak Efficiency	97.30%
	MPPT Efficiency	>99.5%
	Night Power Consumption	110mW
	Anti-Islanding protection	●
	Ground fault monitoring / grid monitoring	● / ●
	DC reverse polarity protection / AC short circuit protection	● / ●
	Residual-current monitoring unit	●
	Surge protection	●
General data	Operating Ambient Temperature Range	-40 °C to +65 °C
	Relative Humidity Range	0-100%
	Dimensions (W x H x D)	351 x 275.5 x 39.5 mm
	Weight	6 kg
	Cooling	Natural Convection
	Enclosure Environmental Rating	IP67
Features	DC connection	QC4
	AC Connection Type (inverter-inverter)	Trunk Cable
	Communication Method	Wi-Fi
	Isolation Design	High Frequency Transformers
	Energy Management	Solplanet App&Cloud
	Country of manufacture	China
	Certificates and approvals(more available on request)	NBR
	Warranty	12 Years Standard

\*For reference only. Please refer to the official version.

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