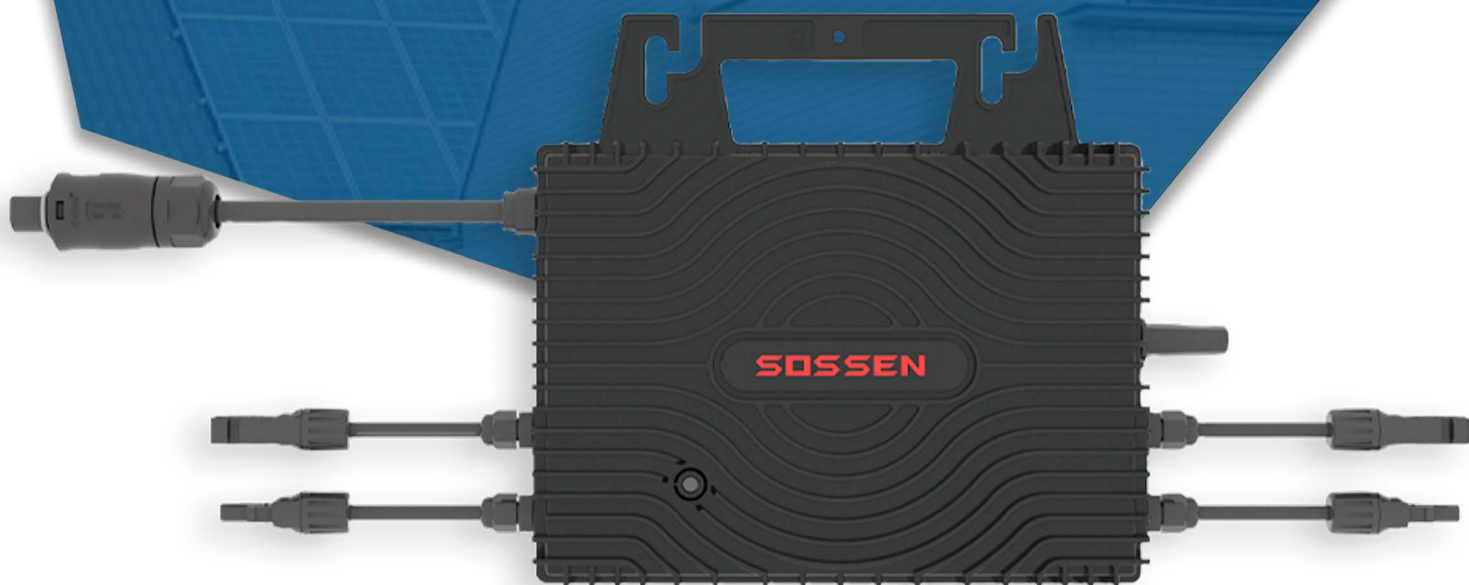


Doppelsicherung mit RELAIS

# Microinverter

VDE-AR-N 4105 zertifiziert



**IP67**  
Protection class



**Maximum 20A**  
PV Input Current



**Dualer MPP**  
Tracking



**Integrated**  
WLAN function



**UPGRADEABLE** from  
600W to 1000W



**Double protection**  
with RELAY



	SOSSEN-600	SOSSEN-800	SOSSEN-1000
<b>Input Data (DC)</b>			
Recommended PV Module Power Range	240-405W	320-540W	360-600W
Peak Power Tracking Voltage		0-60V	
Operating Voltage Range		20-60V	
Maximum Input Voltage		60V	
Maximum Input Current	12A	20A	20A
<b>Output Data (AC)</b>			
Maximum Continuous Output Power	600W	800W	1000W
Nominal Output Voltage/Range(1)		230V	
Nominal Output Current	2.61A	3.48A	4.35A
Nominal Output Frequency/Range(1)		50Hz	
Default Power Factor		0.99	
<b>Efficiency</b>			
Peak Efficiency		96.50%	
Nominal MPPT Efficiency		99.50%	
Night Power Consumption		<50mw	
<b>Mechanical Data</b>			
Ambient Temperature Range(°C)		-40~+65	
Storage Temperature Range (°C)		-40~+85	
Dimensions W*H*D (mm)		260*197.5*35.6	
Weight (kg)		3.3	
Enclosure Rating		Outdoor NEMA.(IP67)	
<b>Power Cord (Optional)</b>			
Cable Size		18AWG	
Cable Length		0.15m	
<b>Feature</b>			
Cooling		Natural Convection- No fans	
Highest Altitude		3000m	
Pollution Degree		PD3	
Protective Class		I	
Storage & Operating Humidity		<95% non-condensong	
Terminal Overvoltage Class OVC		II	
Communication		Built-in Wifi	
Monitoring		SOSSEN Monitoring System	
Warranty		12 years standard, 25 years optional	
Compliance		EN 50549-1: 2019, VDE-RN 4105: 2018	