



Micro-inverter

2-in-1 design

- ◆ Built in WiFi and Bluetooth
- ◆ Maximum PV input current up to 20A



Maximum output power
up to 1000VA
Two independent MPPTs.



Maximum PV input current
up to 20A.



WiFi and Bluetooth
integrated to achieve high
reliability.



Enhanced safety with rapid
shutdown function.



Easy installation, suitable for
quick-plug balcony PV system.



IP67 protection degree.

Performance Parameters	SOSSEN-600-I/Y-N O/O2/NP/OP/O2P	SOSSEN-800-I/Y-N O/O2/NP/OP/O2P	SOSSEN-1000-I/Y-N O/O2/NP/OP/O2P
Recommended PV module power	(280~450+) Wp*2	(320~540+) Wp*2	(400~670+) Wp*2
Input Parameters			
Maximum input voltage	65 V		
Maximum input current	12 Ax2	20 Ax2	20 Ax2
Maximum input short-circuit current	25 Ax2		
MPPT voltage range	16-60 V		
Start-up voltage	22 V		
Output Parameters			
Rated output power	600 W	800 W	1000 W
Rated output current	2.61 A	3.48 A	4.35 A
Nominal output voltage	230 V		
Nominal frequency	50 Hz		
Total harmonic distortion	<3%		
Recommended units per 2.5mm² branch	5	4	3
Recommended units per 4mm² branch	9	7	5
Efficiency			
CEC efficiency	>96%		
Peak efficiency	>96.5%		
Nominal MPPT efficiency	>99.8%		
Mechanical Parameters			
Dimensions (W × H × D)	260×197.5×35.6 mm		
Weight	3.9kg		
Ambient temperature range	-40-65℃		
Storage temperature range	-40-85℃		
Enclosure rating	Outdoor-IP67		
Cooling	Natural convection-No fans		
Features			
Communication	2.4G built-in WIFI and Bluetooth		
Monitoring	APP & LED		
Type of isolation	Isolated HF Transformer		
Highest altitude	<3000m		
Pollution degree	PD3		
Overvoltage category	PV side:II, Grid-side:III		
Warranty	15 Years Standard;25 Years Optional		
Compliance			
Compliance	IEC 62109-1/-2,IEC 61000-6-1/-2/-3/-4,IEC 61000-3-2/-3, IEC 61727,IEC 62116,IEC 61683 EN 50549-1:2019 VDE-AR-N 4105		

