



Micro-inverter

4-in-1 design

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



Maximum output power
up to 2400 VA.
Four independent MPPTs.



Maximum PV input current
up to 20A.



WiFi and Bluetooth
integrated to achieve high
reliability.



Enhanced safety with rapid
shutdown function.



Plug & play installation.
Easy to install .



IP67 protection degree.

Performance Parameters	SOSSEN-1600-I Y-N/O/O2	SOSSEN-2000-I Y-N/O/O2	SOSSEN-2200-I Y-N/O/O2	SOSSEN-2400-I Y-N/O/O2
Recommended PV module power	(320~540+) Wp*4	(400~750+) Wp*4	(400~750+) Wp*4	(400~750+) Wp*4
Input Parameters				
Maximum input voltage	65 V			
Maximum input current	16 A×4	20 Ax4	20 Ax4	20 Ax4
Maximum input short-circuit current	25 Ax4			
MPPT voltage range	16-60 V			
Start-up voltage	22 V			
Output Parameters				
Rated output power	1600 W	2000 W	2200 W	2400 W
Rated output current	6.95 A	8.69 A	9.56 A	10.43 A
Nominal output voltage	230 V			
Nominal frequency	50 Hz			
Total harmonic distortion	<3%			
Recommended units per 2.5mm² branch	2	2	1	1
Recommended units per 4mm² branch	4	3	2	2
Efficiency				
CEC efficiency	>96%			
Peak efficiency	>96.5%			
Nominal MPPT efficiency	>99.8%			
Mechanical Parameters				
Dimensions (W × H × D)	352×225×38.5 mm			
Weight	5.5kg			
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	<2000m			
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			

