



On-grid Inverter 1.5-3.3kW

OGS-1.5/2.5/3.3K

15A

Max. PV Input Current

60V

Start-up Voltage

Single-Phase | 1 MPPT



Optimal Power

- 97.5% Max. Efficiency
- 15A PV input current per string, 1 MPP tracker



Strong Load

- 110% continuous AC output overloading
- 60V Start-up Voltage, longer working hours with low start-up voltage



Convenient Installation & Operation

- Plug & Play terminals for easy wiring
- OLED display and App for setting and data management



Flexible Design & Use

- IP65 for indoor and outdoor installation
- Compact size and elegant appearance



Integ O Series

The Power Operator

On-grid Inverter 1.5-3.3kW

Models		OGS-1.5K	OGS-2.5K	OGS-3.3K
PV Input				
Start-up Voltage	[V]		60	
Max. PV Input Voltage*	[V]		500*	
Rated PV Input Voltage	[V]		360	
Operating Voltage Range*	[V]		50-450*	
No. of MPP Trackers			1	
No. of PV Inputs per MPPT			1	
Max. PV Input Current	[A]		20	
Max. Short-circuit Current	[A]		25	
Grid Side				
Rated Output Power	[kW]	1.50	2.50	3.30
Max. Output Power	[kW]	1.65	2.75	3.30
Rated output apparent power	[kVA]	1.50	2.50	3.30
Max. output apparent power	[kVA]	1.65	2.75	3.30
Rated AC voltage		L/N/PE, 220/230/240V		
Rated AC frequency	[Hz]	50/60	50/60	50/60
Rated Output Current	[A]	6.50	10.90	14.40
Max. Output Current	[A]	7.20	12.00	14.40
Power Factor		0.8 leading ...0.8 lagging		
Max. Total Harmonic Distortion		<3% @rated output power		
DCI		<0.5%In		
Efficiency				
Max. Efficiency		97.3%	97.5%	97.5%
European Efficiency		96.4%	97.0%	97.0%
MPPT Efficiency		99.9%	99.9%	99.9%
Protection				
Integrated Protection		DC reverse polarity protection / Insulation resistance protection / Surge protection / Over-temperature protection / Residual current protection /Islanding protection / AC over-voltage protection /Overload protection / AC short-circuit protection		
General Data				
Over Voltage Category		PV: II ; Main: III		
Dimensions	[W*H*D mm]	297*220*158		
Weight	[KG]	6		
Ingress Protection		IP65		
Protective Class	[W]	<1		
Self-Consumption at Night		Transformerless		
Inverter Topology	[°C]	-30~60		
Operating Temperature Range	[%]	0~100		
Relative Humidity	[m]	3000 (>3000m Derating)		
Operation Altitude		Natural Convection		
Cooling	[dB]	<25		
Display		OLED & LED		
Communication		RS485/WIFI/LAN/4G (Optional)		

* PV Max. Input voltage is 450V, otherwise inverter will be waiting;