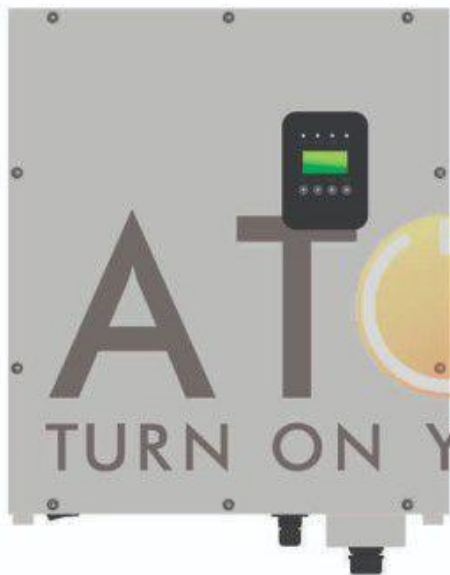


MODEL	ONG-10K	ONG-15K	ONG-20K
Input (DC)			
Max. DC power	13KW	19.5KW	26KW
Max. DC voltage		1000Vdc	
MPPT voltage range		250~950Vdc	
Full load voltage range		480~800Vdc	
Nominal DC voltage		620Vdc	
Min. / start DC voltage		200/250Vdc	
Number of MPP trackers		2	
Strings per MPP tracker	1		2
Max. input current per MPP tracker	13A/13A		21A/21A
Output (AC)			
Nominal AC output Power	10KW	15KW	20KW
Max. AC output power	11KW	16KW	22KW
Nominal AC voltage		400Vac	
AC voltage range		400Vac±20%	
Nominal AC grid frequency		50/60Hz	
AC grid frequency range		50/60Hz (±5Hz)	
Max. output current	17A	24A	33A
Power factor (cos φ)		0.8 leading - 0.8 lagging	
THDI		<8%	
AC connection		3W+N+PE/3W+PE	
Topology		Transformerless	
Efficiency			
Max. efficiency		98.0%	
Euro efficiency		97.5%	
Protection devices			
AC leakage current fault protection		Yes	
Ground fault monitoring		Yes	
Anti-islanding protection		Yes	
DC overvoltage protection		Yes	
DC surge protection		Yes	
AC surge protection		Yes	
DC reverse-polarity protection		Yes	
Physical			
Dimensions (W*L*D) in mm		553×715×228	
Weight	35Kg		39Kg
Environment			
Operating temperature range		-25°C~+60°C	
Noise emission (typical)		≤ 40dB	
Cooling concept		Natural cooling	
Protection rating		IP65	
Features			
LCD display		Yes	
Interfaces		RS485 (WiFi Plug/GPRS Plug optional)	

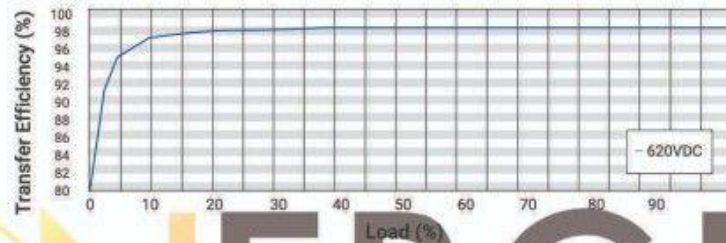
STRING INVERTER ON-GRID

10 - 20 KW

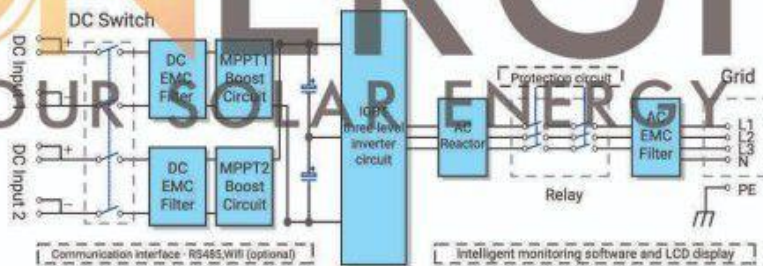
- DOUBLE MPPT



Efficiency curve



Circuit diagram



Feature Highlights:

- Max. PV Voltage up to 1000V
- Double MPPT
- High efficiency up to 98.0%
- Smaller and lighter
- IP65 protection
- Easy installation
- Reactive power controller
- Digital controller