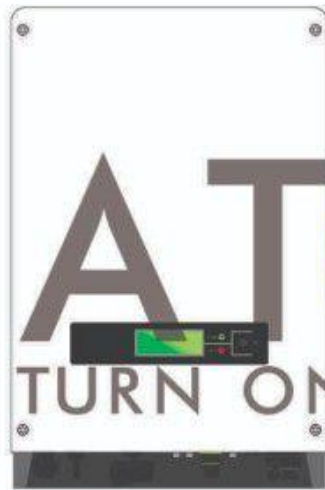


MODEL	ON GRID 5 KW
Input (DC)	
Max. DC power	6.5KW
Max. DC voltage/Nominal DC voltage	500Vdc/380Vdc
MPPT voltage range	100~490Vdc
Min./start DC voltage	120/150Vdc
Full load MPPT voltage range	200~400Vdc
Number of MPPT trackers	2
Strings per MPPT tracker	1
Max. DC power per MPPT tracker	3KW
Max. input current per MPPT tracker	13A/13A
Output (AC)	
Max. AC output power	5KW
Nominal AC voltage	230Vac
AC voltage range	230Vac±20%
Normal AC grid frequency	50/60Hz
AC grid frequency range	50/60Hz (±5Hz)
Max. output current	22A
Power factor (cos φ)	Lagging 0.9 - leading 0.9
THDI	<3%
AC connection	LN+PE
Topology	Transformerless
Efficiency	
Max. efficiency	97.5%
Euro efficiency	97%
MPPT efficiency	99.90%
Consumption: standby/night	<5W/<0.2W
Protection devices	
AC leakage current fault protection	Yes
Ground fault protection	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	329x466x149
Weight	15.5Kg
Environment	
Operating temperature range	-25°C~+60°C
Noise emission (typical)	125dB
Cooling type	Natural cooling
Protection rating	IP65
Features	
LCD display	Yes
Interfaces	RS485
Optional	DC Switch/WiFi Plug/GPRS Plug

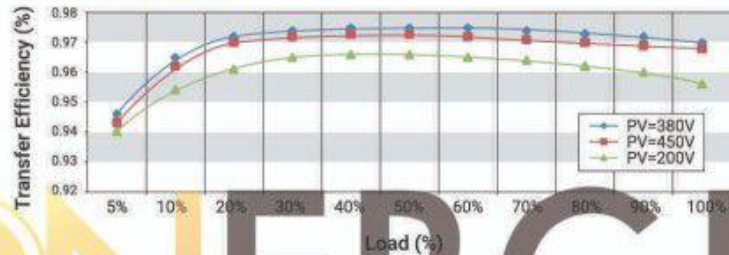
STRING INVERTER ON-GRID

5 KW

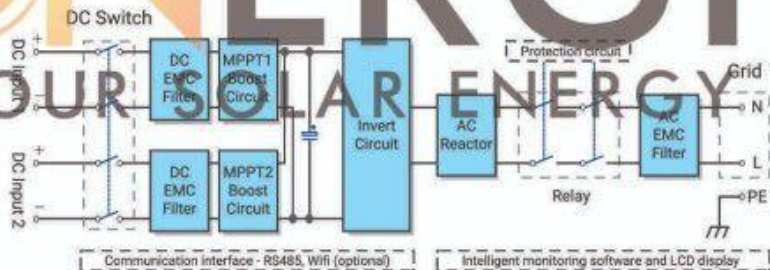
- DOUBLE MPPT



Efficiency curve



Circuit diagram



Feature Highlights:

- Max. PV Voltage up to 500V
- Double MPPT
- High efficiency up to 97.5%
- Smaller and lighter
- IP65 protection
- Easy installation
- Reactive power controller
- Digital controller