



ONGRID THREE PHASE SOLAR INVERTER



PRODUCT KEY FEATURES

- 👑 Ongrid three phase MPPT based inverter
- 👑 AC grid frequency: 50Hz / 60Hz
- 👑 High efficiency: up to 98.6%
- 👑 IP66 protection
- 👑 DC switch, anti-islanding & over current protection
- 👑 Wi-fi / 4G plug optional
- 👑 Max. PV voltage up to 1100
- 👑 Compatible with all major types of PV panels
- 👑 Type II DC / AC SPD



Technical Data

MODEL	VMGI-15KW
RATED POWER	15000VA/15000W
INPUT(DC)	
Max. DC voltage	1100V
Nominal voltage	650V
Start voltage	250V
MPPT voltage range	140V ~ 1000V
Number of MPPT tracker	2
Strings per MPPT tracker	2/1
Max. input current per MPPT	30A/15A
Max. short-circuit current per MPPT	40A/20A
OUTPUT(AC)	
Nominal AC output power	15000W
Max. AC output power	16500VA
Nominal AC voltage	400V 3L+ N
AC grid frequency range	50Hz / 60Hz
Max. output current	23.9A
Power factor	0.8leading - 0.8lagging
THDI	3%
EFFICIENCY	
Max. efficiency	98.6%
Euro efficiency	98.2%
PROTECTION DEVICES	
DC switch	Yes
Output over current	Yes
Anti-islanding protection	Yes
DC reverse polarity protection	Yes
String fault detection	Yes
AC/DC surge protection	DC: type II / AC: type III / type II optional
Insulation detection	Yes
AC short circuit protection	Yes
GENERAL SPECIFICATION	
Dimensions, W*H*D (mm)	380*483*193
Weight (Kgs)	20.7
Operating temperature range	-25°C ~ +60°C
Cooling type	Fan cooling
Max. operation altitude	4000m
Max. operation humidity	0-100% (non-condensing)
AC output terminal type	Connector
IP class	IP66
Topology	Transformer-less
Communication	RS485/Wi-fi/4G
Display	LCD