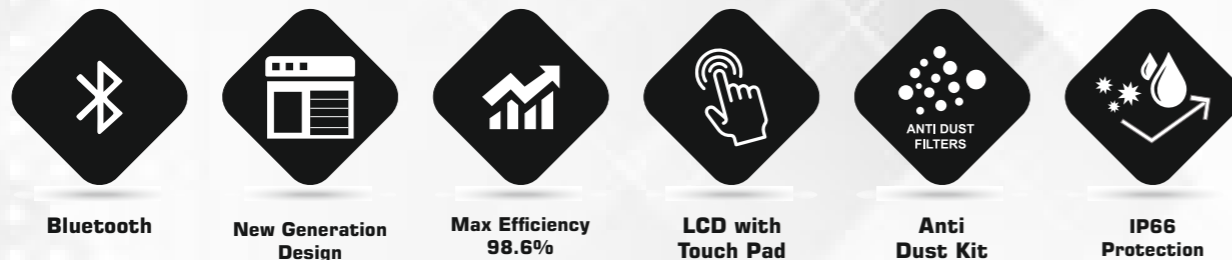




ON GRID THREE PHASE SOLAR INVERTER

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
- 👑 Reactive power control, 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-60KW
RATED POWER	60000VA/60000W
INPUT (DC)	
Max. DC voltage	1100V
Nominal voltage	650V
Start voltage	250V
MPPT voltage range	200 V~1000V
Number of MPPT	4
Strings per MPPT	2
Max. input current per MPPT	32A
Max. short-circuit current per MPPT	48A
OUTPUT(AC)	
Nominal AC output power	60000W
Max. AC output power	66000VA
Nominal AC voltage	400V 3L+N+PE
AC grid frequency range	50Hz / 60Hz (±5Hz)
Max. output current	95.6A
Power factor	0.8leading - 0.8lagging
THDI	3%
EFFICIENCY	
Max. efficiency	98.5%
Euro efficiency	98.2%
PROTECTION DEVICES	
DC switch	Yes
Output over current protection	Yes
Anti-islanding protection	Yes
DC reverse polarity protection	Yes
String fault detection	Yes
DC/AC surge protection	Type II
Residual current monitoring	Yes
AC short circuit protection	Yes
GENERAL SPECIFICATION	
Dimensions, W*H*D (mm)	515*585*287
Weight (Kgs)	55
Operating temperature range	-25°C ~ +60°C
Cooling type	Fan cooling
Max. operating altitude	4000m
Max. operating humidity	0-100%(no condensation)
AC output terminal type	OT terminal
IP class	IP66
Topology	Transformer-less
Communication	RS485/Wi-fi/4G
Display	LCD