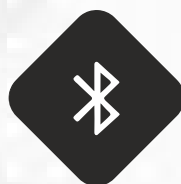




ONGRID THREE PHASE SOLAR INVERTER

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



Bluetooth

New Generation
DesignMax Efficiency
98.6%LCD with
Touch PadAnti
Dust KitIP66
Protection

Technical Data

MODEL	VMGI-15KW	VMGI-20KW	VMGI-25KW
RATED POWER	15000VA/15000W	20000VA/20000W	25000VA/25000W
INPUT(DC)			
Max. DC voltage	1100V	1100V	1100V
Nominal voltage	650V	650V	650V
Start voltage	250V	250V	250V
MPPT voltage range	140V ~ 1000V	140V ~ 1000V	140V ~ 1000V
Number of MPPT tracker	2	2	2
Strings per MPPT tracker	2/1	2	2
Max. input current per MPPT	30A/15A	30A	30A
Max. short-circuit current per MPPT	40A/20A	40A	40A
OUTPUT(AC)			
Nominal AC output power	15000W	20000W	25000W
Max. AC output power	16500VA	22000VA	27500VA
Nominal AC voltage	400V 3L+ N		
AC grid frequency range	50Hz / 60Hz		
Max. output current	23.9A	31.9A	39.9A
Power factor	0.8leadIng - 0.8lagging		
THDI	3%		
EFFICIENCY			
Max. efficiency	98.6%	98.6%	98.6%
Euro efficiency	98.2%	98.3%	98.3%
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℃ ~ +60℃		
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		

Product specifications are subject to change without further notice.