



**350KW-1**



**ONGRID THREE PHASE SOLAR INVERTER**

**PRODUCT KEY FEATURES**

- 👑 Ongrid three phase MPPT based inverter
- 👑 Optional AFCI function, night SVG function
- 👑 High efficiency: up to 99%
- 👑 Support both Al and Cu cable
- 👑 IP66 protection
- 👑 Wi-fi / 4G plug optional
- 👑 Power line communication (PLC)
- 👑 Compatible with all major types of PV panels
- 👑 Type II DC / AC SPD & Smart I-V curve scan
- 👑 DC switch, anti-islanding & over current protection



**Bluetooth**



**New Generation Design**



**Max Efficiency 99%**



**LCD with Touch Pad**



**Anti Dust Kit**



**IP66 Protection**

**Technical Data**

MODEL	VMGI-350KW-1
<b>INPUT (DC)</b>	
Max. DC voltage	1500V
Max. input current per MPPT	30A
Max. short-circuit current per MPPT	45A
Start voltage	500V
MPPT voltage range	500V ~ 1500V
Number of strings	32
Number of MPPT	16
Strings per MPPT	2
<b>OUTPUT (AC)</b>	
Nominal AC output power	350KW
Max. AC apparent power	352KVA
Nominal AC voltage	800V, 3W+ PE
Nominal frequency	50Hz / 60Hz (±5Hz)
Frequency range	45-55Hz / 55-65Hz
Max. output current	254A
Power factor	0.8Leading - 0.8lagging
THDI	< 3% ( nominal power )
<b>EFFICIENCY</b>	
Max. efficiency	99%
<b>PROTECTION DEVICES</b>	
DC switch	Yes
Anti-islanding protection	Yes
Over current protection	Yes
DC reverse polarity protection	Yes
String fault detection	Yes
DC/AC surge protection	Type II
AC short circuit protection	Yes
Residual current detection	Yes
PID recovery	Optional
Night SVG function	Optional
<b>GENERAL SPECIFICATION</b>	
Dimensions, W*H*D (mm)	1050*860*393
Weight (Kgs)	130
Operating temperature range	-30 ~ 60°C
Cooling type	Fan cooling
Max. operation altitude	5,000 m ( > 4,000m derating )
Max. operating humidity	0 -100%
AC output terminal type	OT terminal
IP class	IP66
Noise (dB)	75dB
Topology	Transformer-less
Communication	RS485 / PLC
Display	LED , Buletooth + APP