

# Three Phase On-Grid Inverter

**VOL/MORE** 350KW  
*Ultimate Technology Provider*



On-Grid Three phase  
MPPT Inverter



IP66 Protection



Max. PV Voltage: 1100V



AC Grid Frequency:  
50Hz / 60Hz



DC Switch, Anti-Islanding  
& Over Current Protection



Type II DC / AC SPD  
Smart I-V Curve



High Efficiency: Up to  
99%



Wi-Fi / 4G Plug Optional



LCD With Touch Pad



MODEL NAME	VMGI-350KW-1	VMG-350KW-2
<b>INPUT (DC)</b>		
Max. DC voltage	1500V	
Max. input current per MPPT	30A	40A
Max. short-circuit current per MPPT	45A	60A
Start voltage	500V	
MPPT voltage range	500V ~ 1500V	
Number of strings	32	24
Number of MPPT	16	12
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	