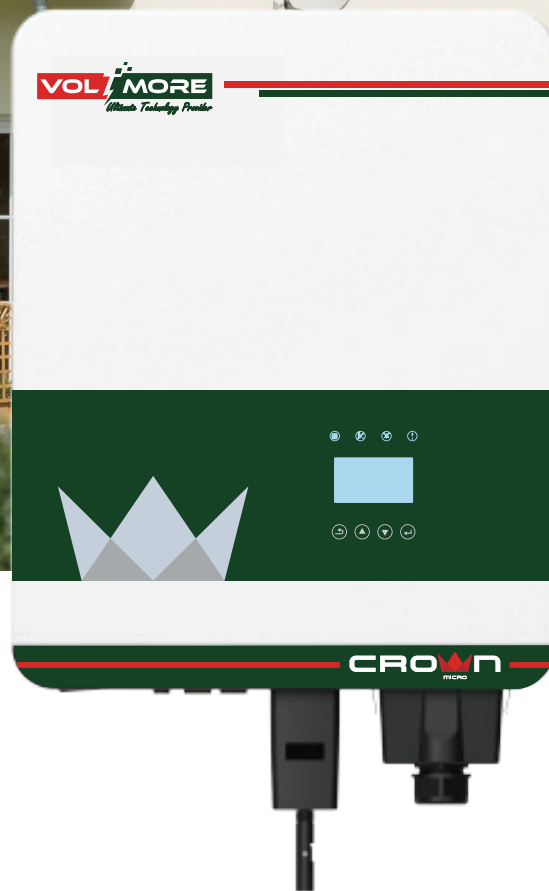


VMGI Series

Three Phase / On-grid / 15–25 kW



PV On-Grid String Inverter



Max. PV voltage up to 1100V
Type II DC /AC SPD



Compatible for Big Capacity PV Panel
WiFi / 4G Plug optional



DC/AC ratio up to 2
IP66 protection



High efficiency up to 98.6%
Smaller and lighter

MODEL	VMGI-15KW	VMGI-20KW	VMGI-25KW
Input(DC)			
Max. DC Voltage	1100V	1100V	1100V
Nominal Voltage	650V	650V	650V
Start Voltage	250V	250V	250V
MPPT Voltage Range	140 V~1,000V	140 V~1,000V	140 V~1,000V
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
Maximum AC Output Power	16500VA	22000VA	27500VA
Nominal AC Voltage	400V 3L+N		
AC Grid Frequency Range	50Hz / 60Hz(±5Hz)		
Maximum Output Current	23.9A	31.9A	39.9A
Power Factor(Φ)	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 Specifications			
Dimensions W x H x D	380x483x193mm		
Weight	20.7kg		
Operating Temperature Range	-25°C~+60°C		
Cooling Type	Fan Cooling		
Max. Operation Altitude	4000m		
Max. Operation Humidity	0-100%(No Condensation)		
AC Output Terminal Type	Connector		
IP Class	IP66		
Topology	Transformer-less		
Communication	RS485/Wifi/4G		
Display	LCD		
Certification & Standard	EN/IEC62109-1/2 ; IEC/EN61000-6-2;IEC/EN61000-6-4;IEC61683;IEC60068;IEC60529;IEC62116;IEC61727; EN50549-1;VDE-AR-N-4105;VDE 0126-1-1;CEI0-21;G98;G99;C10/C11;NB/T32004-2018 ; GB/T19964-2012		

* Specifications subject to change without prior notice.